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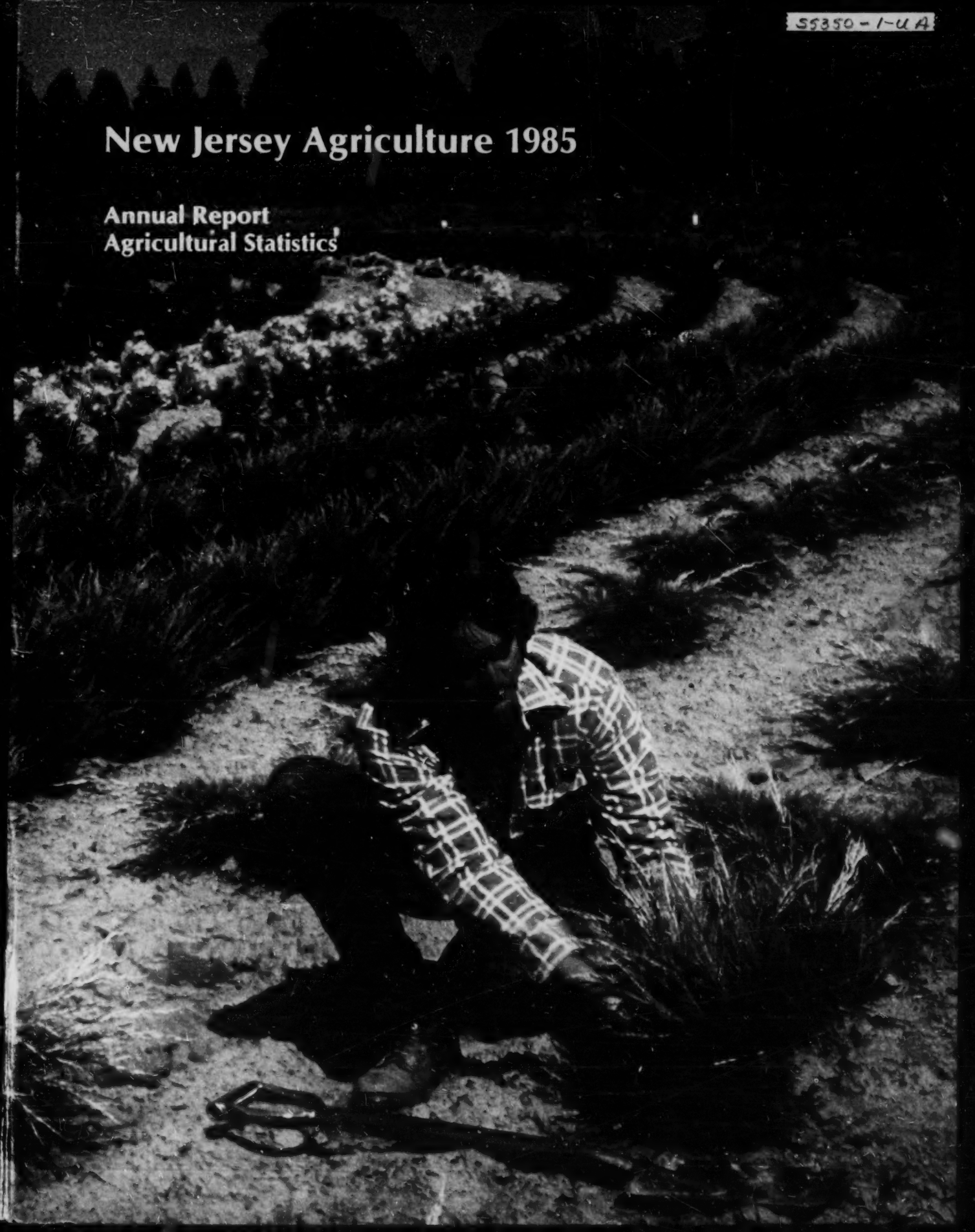
New Jersey Agriculture 1985

Annual Report
Agricultural Statistics



Message from the Governor

New Jersey residents can take special pride in our strong agriculture industry.

The state's rich harvest - from its fruits, vegetables, and grains, its dairies, livestock and horses and the nurseries, seafood and vineyards - all give New Jersey one of its leading industries.

And, New Jersey is deeply committed to that very vital industry. Through an aggressive "Jersey Fresh" promotion, we are creating new markets for New Jersey products. And we are working diligently to preserve agriculture for future generations.

We are taking these actions because we know that agriculture improves the quality of life for all the state's urban, suburban and rural citizens. Of course, we benefit from the broad diversity of crops and nearby supply of food. But, beyond that, agriculture represents miles of open space in this state that is the most densely populated and urbanized in the country.

This publication not only highlights the achievements that have been made, it also represents the spirit which makes agriculture strong in New Jersey - farmers, agribusiness and government working together.

And that is something in which we can all take pride.

Tom Kean

Thomas H. Kean
Governor

Message from the Secretary of Agriculture

I am pleased to present the 1984-85 annual report for the New Jersey Department of Agriculture, as well as Agricultural Statistics for New Jersey. As these combined reports point out, fiscal year 1985, from July 1, 1984 through June 30, 1985, was a year in which the Department of Agriculture and the agriculture community was faced with many challenges.

With the support of Governor Thomas H. Kean and the New Jersey Legislature, we were able to launch several efforts aimed at ensuring that agriculture continues as a viable industry in the state. These included efforts such as the Jersey Fresh program, farmland preservation, and a new beneficial insect laboratory.

This document highlights these and many other efforts. The statistics in this report were developed to help support the agriculture industry by providing essential data and information for the farm and agribusiness communities to use in making decisions about such areas as planting, purchasing, marketing, determining credit needs and many more.

But, while this summary is a cooperative effort of the Department of Agriculture and the Statistical Reporting Service of the United States Department of Agriculture, it was made possible by the assistance and support of individual farmers and other agriculturalists.

And, that is the real story - the dedication and determination of individual people across the state, working together to continue this wonderful asset of New Jersey - agriculture.

Arthur R. Brown, Jr.
Secretary of Agriculture

NEW JERSEY
Crop
Reporting
Service

STATISTICAL REPORTING SERVICE . . . . . USDA
in cooperation with
NEW JERSEY DEPARTMENT OF AGRICULTURE
CN-330 Trenton, NJ 08625 (609) 292-6385

ACKNOWLEDGMENT

The publication, New Jersey Agriculture 1985, includes the latest statistical information on agriculture in the Garden State and the Department of Agriculture's 1984-85 Annual Report. This series of statistical bulletins dates back to 1948.

This publication contains the preliminary figures for 1984 and the revisions for the years 1979-83. These revisions were the result of reviewing the 1982 Census of Agriculture and other marketing statistics not previously available.

Many people helped make this publication possible. Thanks are extended to the farmers, agri-business firms and extension agents who submitted the basic data for this report. The office staff and enumerators are commended for their careful collection of the data. Brenda Sobelman directed the compilation of statistics presented in this bulletin. Typing, design and graphics were performed by Sherri Zeitlin and Brenda Sobelman.

Collection of data has been made possible since 1920 through cooperative funding by the New Jersey Department of Agriculture and the Statistical Reporting Service of the U.S. Department of Agriculture.

The mission of the New Jersey Crop Reporting Service remains the same as in the past -- to provide reliable, timely agriculture statistics using sound sampling procedures. The accuracy of all estimates in this publication is directly related to the cooperation received from New Jersey farmers and agri-businesses.

Additional copies of this publication, along with current reports and forecasts, are available upon request. See page 70 for a list of reports available.

James R. Gibson

James R. Gibson
Statistician in Charge

NEW JERSEY AGRICULTURE 1985

Annual Report and Agricultural Statistics

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CHRONOLOGY OF STATISTICAL REPORTING SERVICE

1839 Congress appropriates $1,000 to Patent Office for "collection of agricultural statistics and distribution of seeds."

1841 Using 1840 Agricultural Census as a benchmark, Patent Office issues first crop report. Annual releases continue until 1848.

1862 U.S. Department of Agriculture established.

1863 Division of Statistics formed in USDA as predecessor today's SRS.

1866 Beginning of continuous series of reports on major crops, livestock, and agricultural prices.

1882 Part-time statisticians appointed to develop and maintain group of voluntary crop reporters and provide current information on agriculture.

1892 Now 15,000 farm-reporters provide data for monthly surveys, and 125,000 furnish survey data for annual estimates.

1903 In addition to crop reporters, 61,000 ginners, 24,000 millers and elevator operators, and 22,000 agents of railroads and transportation companies report on agriculture.

1905 Crop Reporting Board, a group of highly qualified agricultural statisticians from Washington D.C. and field offices, established to review information and set national and state estimates.

1908 Monthly reports begin on prices farmers receive for their products.

1909 Congress specifies which crops will be covered in crop report, stipulates issuance times, and requires Secretary of Agriculture to sign report. Statisticians, staff, and other workers prohibited by law from making premature disclosure of crop estimates, issuing false reports, or speculating on commodity market.

1917 Wisconsin signs first formal agreement establishing cooperative Federal-State crop-estimating program. (Agreements in effect with 48 States by 1967.)

1919 South Carolina statistician does first fieldwork on objective measurements of crop acreages (now a significant element in SRS crop estimating).

1925 First 5-year census of agriculture taken; previously taken every 10 years.

1928 Objective measurements for forecasting yield start with cotton; corn and wheat later, but are discontinued at the start of World War II.

1943 Quarterly estimates of grain stocks off farms in mills and elevators begin.

1945 Forerunner of today's enumerative surveys launched with interviews of 20,000 farmers in 158 counties and 42 states concerning farm labor.

1956 First comprehensive farm production expenditures survey conducted.

1961 Objective yield surveys for cotton and corn become operational, providing the CRB with additional indications of yield per acre.

1962 SRS begins use of computers. Data Processing Branch created.

1966 Continuous crop and livestock estimating program enters second century.

1974 SRS participates with NASA and NOAA in the Large Area Crop Inventory Experiment, a major inter-departmental effort to demonstrate the potential of satellite data and weather data for use in worldwide crop production estimation and forecasting for wheat.

1978 AgRISTARS, under of leadership of SRS, developed as an interagency research program to evaluate the potential of aerospace remote sensing data in meeting USDA information needs.

1980 AgRISTARS research program implemented. Research and development continues with SRS assigned a broader research role in addressing worldwide applications.

1982 SRS estimating program modified because of budget constraints. Available resources redirected toward maintaining timely and available data series judged to be the most important in monitoring changes in the agricultural sector.

1983 SRS developed its second comprehensive, long-range plan for improved statistical standards, integrated survey programs, and data management systems.

RANK OF NEW JERSEY COUNTIES AND OF STATES FOR SELECTED ITEMS, 1984

Item	1	2	3	4	5
			NEW JERSEY COUNTIES		
Field crop production:					
Corn for grain	Hunterdon	Warren	Burlington	Salem	Monmouth
Wheat for grain	Salem	Cumberland	Monmouth	Mercer	Burlington
Barley for grain	Salem	Burlington	Cumberland	Mercer	Monmouth
All hay	Hunterdon	Sussex	Warren	Somerset	Burlington
Soybeans for beans	Salem	Burlington	Monmouth	Cumberland	Gloucester
Potatoes	Cumberland	Monmouth	Salem	Middlesex	Burlington
Sweet potatoes	Atlantic	Gloucester	Cumberland	Camden	Salem
Vegetable acreage harvested:					
Asparagus	Gloucester	Salem	Cumberland	Burlington	Camden
Cabbage	Cumberland	Atlantic	Monmouth	Gloucester	Salem
Lettuce	Cumberland	Atlantic	Gloucester	Salem 6/	Warren 6/
Peppers	Cumberland	Gloucester 4/	Salem 4/	Atlantic	Camden & Monmouth
Sweet corn	Burlington	Monmouth	Gloucester 5/	Sussex 5/	Camden
Tomatoes	Gloucester	Salem	Cumberland	Atlantic	Monmouth & Burlington
Fruits and berries:					
Apples, com'l production	Gloucester	Burlington	Monmouth	Atlantic	Cumberland
Peach production	Gloucester	Atlantic	Cumberland	Camden	Burlington
Blueberry production	Atlantic	Burlington	---	---	---
Strawberry acreage	Burlington	Camden 4/	Cumberland 4/	Monmouth 5/	Gloucester 5/
Certified nurseries:					
Nursery stock acreage	Monmouth	Gloucester	Middlesex	Cumberland	Hunterdon
Number of nurseries	Monmouth	Cumberland	Bergen 5/	Gloucester 5/	Burlington
Livestock and products:					
Milk production	Warren	Sussex	Salem	Hunterdon	Burlington
Number cattle and calves 1/	Warren	Hunterdon	Sussex	Salem	Burlington
Number sheep and lambs 1/	Hunterdon	Sussex	Somerset	Warren	Salem
Number hogs and pigs	Gloucester	Burlington	Hunterdon	Salem	Monmouth
			UNITED STATES		
Crop production:					
Snap beans, processing	Wisconsin	Oregon	New York	Michigan	NEW JERSEY
Asparagus, fresh market	California	Washington	Michigan	NEW JERSEY	---
Peaches	South Carolina	California	Georgia	Pennsylvania	NEW JERSEY
Cranberries	Massachusetts	Wisconsin	NEW JERSEY	Washington	Oregon
Taxes and value:					
Taxes per acre 2/	Rhode Island	NEW JERSEY	Michigan	Connecticut	Massachusetts
Average value of farmland and buildings per acre 3/	NEW JERSEY	Rhode Island	Connecticut	Massachusetts	Maryland

1/ Data relate to January 1, 1984.
2/ Data relate to 1982.
3/ Data relate to 1985.
4/ Counties tied for 2nd.
5/ Counties tied for 3rd.
6/ Counties tied for 4th.

NEW JERSEY: CROP SUMMARY, 1979

Crop	Unit	Acres harvested	Yield per acre	Production (1,000)	Season avg price per unit ($)	Value	
						Total ($1,000)	per acre ($)
FIELD CROPS							
Corn for grain	bu	95,000	90.0	8,550	2.89	24,710	260
Wheat	bu	41,000	36.0	1,476	4.00	5,904	144
Oats	bu	7,000	50.0	350	1.50	525	75
Barley	bu	14,000	51.0	714	1.95	1,392	99
Rye	bu	10,000	25.0	250	3.05	763	76
Soybeans for beans	bu	203,000	30.0	6,090	6.20	37,758	186
Alfalfa hay	ton	48,000	3.60	173	---	---	---
Other hay	ton	79,000	2.20	174	---	---	---
All hay	ton	127,000	2.73	347	61.00	21,167	167
Corn for silage	ton	39,000	15.0	585	21.36	12,496	320
Potatoes	cwt	8,500	250	2,125	4.00	8,500	1,000
Sweet potatoes	cwt	2,700	115	311	13.50	4,199	1,555
TOTAL FIELD CROPS	ton	547,200	---	1,550.0	---	117,414	---
FRUIT CROPS							
Apples	lb	---	---	110,000 1/	.106	11,660	---
Peaches	lb	---	---	90,000 1/	.169	15,210	---
Blueberries	lb	7,800	3,000	23,400 1/	.590	13,806	1,770
Cranberries	cwt	3,000	84.3	253 1/	26.90	6,806	2,269
Strawberries	cwt	900	38	34	40.00	1,360	1,511
TOTAL FRUIT CROPS	ton	11,700 2/	---	126.1	---	48,842	---
VEGETABLES FOR FRESH MARKET							
Asparagus, Jan-June 3/	cwt	1,600	17	27	81.60	2,203	1,377
Snap beans, Jan-June	cwt	500	34	17	25.30	430	860
July-Dec	cwt	5,000	35	176	25.20	4,428	886
Cabbage, Jan-June	cwt	600	250	150	9.40	1,410	2,350
July-Dec	cwt	3,500	182	636	6.47	4,114	1,175
Sweet corn, July-Dec	cwt	11,000	70	770	10.30	7,931	721
Cucumbers, July-Dec	cwt	1,700	140	238	15.00	3,570	2,100
Eggplant, July-Dec	cwt	1,000	145	145	17.80	2,581	2,581
Escarole, Jan-June	cwt	310	180	56	25.50	1,428	4,606
July-Dec	cwt	690	180	124	17.20	2,133	3,091
Lettuce, Jan-June	cwt	1,400	165	231	9.89	2,285	1,632
July-Dec	cwt	1,300	191	248	10.10	2,504	1,926
Peppers, July-Dec	cwt	8,100	54	440	17.10	7,539	931
Spinach, Jan-June	cwt	700	70	49	30.20	1,480	2,114
July-Dec	cwt	500	65	33	43.40	1,432	2,864
Tomatoes, July-Dec	cwt	6,600	80	528	27.60	14,573	2,208
Total - 11 market crops	cwt	44,500	87	3,868	15.52	60,041	1,349
VEGETABLES FOR PROCESSING							
Tomatoes	ton	7,000	14.00	98.0	70.20	6,880	983
Snap beans	ton	6,800	2.12	14.4	172.00	2,480	365
Cucumbers	ton	1,400	6.86	9.6	154.00	1,478	1,056
Total - 3 processing crops	ton	15,200	8.03	122.0	88.84	10,838	713
Other vegetable crops 4/	ton	1,880	3.46	6.5	146.31	951	506
TOTAL PRINCIPAL VEGETABLES	ton	61,580	5.23	321.9	223.14	71,830	1,166
TOTAL ALL CROPS	ton	608,780	---	1,998.0	---	238,086	---

1/ Utilized production.
2/ Not included in all crops total.
3/ Includes both fresh market and processing amounts.
4/ Not published separately to avoid disclosing individual operations.

NEW JERSEY: CROP SUMMARY, 1980

Crop	Unit	Acres harvested	Yield per acre	Production (1,000)	Season avg price per unit ($)	Value	
						Total ($1,000)	per acre ($)
FIELD CROPS							
Corn for grain	bu	118,000	75.0	8,850	3.59	31,772	269
Wheat	bu	43,000	43.0	1,849	3.98	7,359	171
Oats	bu	7,000	55.0	385	2.22	855	122
Barley	bu	15,000	53.0	795	2.23	1,773	118
Rye	bu	8,000	27.0	216	3.24	700	88
Soybeans for beans	bu	194,000	18.0	3,492	7.77	27,133	140
Alfalfa hay	ton	41,000	3.00	123	---	---	---
Other hay	ton	66,000	2.00	132	---	---	---
All hay	ton	107,000	2.38	255	78.50	20,018	187
Corn for silage	ton	36,000	13.5	486	27.20	13,219	367
Potatoes	cwt	8,200	240	1,968	8.30	16,334	1,992
Sweet potatoes	cwt	2,400	115	276	16.40	4,526	1,886
TOTAL FIELD CROPS	ton	538,600	---	1,292.6	---	123,689	---
FRUIT CROPS							
Apples	lb	---	---	110,000 1/	.096	10,572	---
Peaches	lb	---	---	110,000 1/	.208	22,880	---
Blueberries	lb	8,100	3,210	26,000 1/	.610	15,870	1,959
Cranberries	cwt	2,900	84.5	245 1/	33.20	8,134	2,805
Strawberries	cwt	900	42	38	61.40	2,333	2,592
TOTAL FRUIT CROPS	ton	11,900 2/	---	137.2	---	59,789	---
VEGETABLES FOR FRESH MARKET							
Asparagus, Jan-June 3/	cwt	1,500	15	23	85.30	1,962	1,308
Snap beans, Jan-June	cwt	900	40	36	28.10	1,012	1,124
July-Dec	cwt	5,800	30	176	21.80	3,841	662
Cabbage, Jan-June	cwt	700	220	154	12.50	1,925	2,750
July-Dec	cwt	3,100	210	651	9.56	6,222	2,007
Sweet corn, July-Dec	cwt	10,500	73	767	12.10	9,281	884
Cucumbers, July-Dec	cwt	1,700	150	255	15.70	4,004	2,355
Eggplant, July-Dec	cwt	1,000	150	150	14.10	2,115	2,115
Escarole, Jan-June	cwt	290	190	55	18.10	996	3,434
July-Dec	cwt	660	185	122	17.30	2,111	3,198
Lettuce, Jan-June	cwt	1,300	185	241	9.66	2,328	1,791
July-Dec	cwt	1,300	210	273	9.65	2,535	2,027
Peppers, July-Dec	cwt	6,700	71	475	16.40	7,792	1,163
Spinach, Jan-June	cwt	700	77	54	24.10	1,301	1,859
July-Dec	cwt	600	74	44	27.60	1,214	2,023
Tomatoes, July-Dec	cwt	6,500	83	540	17.90	9,666	1,487
Total - 11 market crops	cwt	43,250	93	4,016	14.54	58,405	1,350
VEGETABLES FOR PROCESSING							
Tomatoes	ton	5,400	11.48	62.0	74.20	4,600	852
Snap beans	ton	6,400	2.64	16.9	191.00	3,228	504
Cucumbers	ton	1,400	8.00	11.2	167.00	1,870	1,336
Total - 3 processing crops	ton	13,200	6.83	90.1	107.64	9,698	735
Other vegetable crops 4/	ton	2,160	6.99	15.1	92.72	1,400	648
TOTAL PRINCIPAL VEGETABLES	ton	58,610	5.22	306.0	227.13	69,503	1,186
TOTAL ALL CROPS	ton	597,210	---	1,735.8	---	252,981	---

1/ Utilized production.
2/ Not included in all crops total.
3/ Includes both fresh market and processing amounts.
4/ Not published separately to avoid disclosing individual operations.

NEW JERSEY: CROP SUMMARY, 1981

Crop	Unit	Acres harvested	Yield per acre	Production (1,000)	Season avg price per unit ($)	Value	
						Total ($1,000)	per acre ($)
FIELD CROPS							
Corn for grain	bu	130,000	99.0	12,870	2.61	33,591	258
Wheat	bu	56,000	42.0	2,352	3.27	7,691	137
Oats	bu	7,000	55.0	385	2.20	847	121
Barley	bu	16,000	61.0	976	2.02	1,972	123
Rye	bu	9,000	29.0	261	3.89	1,015	113
Soybeans for beans	bu	168,000	29.0	4,872	5.96	29,037	173
Alfalfa hay	ton	45,000	3.40	153	---	---	---
Other hay	ton	65,000	2.00	130	---	---	---
All hay	ton	110,000	2.57	283	94.00	26,602	242
Corn for silage	ton	37,000	15.0	555	20.76	11,522	311
Potatoes	cwt	8,100	255	2,066	7.00	14,462	1,785
Sweet potatoes	cwt	2,500	110	275	16.10	4,428	1,771
TOTAL FIELD CROPS	ton	543,600	---	1,569.2	---	131,167	---
FRUIT CROPS							
Apples	lb	---	---	95,000 1/	.130	12,330	---
Peaches	lb	---	---	90,000 1/	.239	21,488	---
Blueberries	lb	7,800	3,590	28,000 1/	.650	18,201	2,333
Cranberries	cwt	2,900	78.6	228 1/	41.60	9,485	3,271
Strawberries	cwt	900	48	43	68.60	2,950	3,278
TOTAL FRUIT CROPS	ton	11,600 2/	---	120.1	---	64,454	---
VEGETABLES FOR FRESH MARKET							
Asparagus, Jan-June 3/	cwt	1,800	19	34	78.50	2,669	1,483
Snap beans, Jan-June	cwt	1,000	40	40	21.80	872	872
July-Dec	cwt	3,800	52	198	26.70	5,287	1,391
Cabbage, Jan-June	cwt	700	220	154	6.76	1,041	1,487
July-Dec	cwt	2,700	260	702	6.89	4,837	1,791
Sweet corn, July-Dec	cwt	11,500	78	897	12.40	11,123	967
Cucumbers, July-Dec	cwt	1,700	155	264	14.70	3,881	2,283
Eggplant, July-Dec	cwt	1,100	190	209	15.10	3,156	2,869
Escarole, Jan-June	cwt	450	200	90	17.20	1,548	3,440
July-Dec	cwt	700	190	133	19.30	2,567	3,667
Lettuce, Jan-June	cwt	1,200	195	234	10.30	2,410	2,008
July-Dec	cwt	1,700	240	408	12.10	4,937	2,904
Peppers, July-Dec	cwt	6,500	65	423	18.20	7,685	1,182
Spinach, Jan-June	cwt	1,200	70	84	18.90	1,588	1,323
July-Dec	cwt	700	75	53	29.20	1,548	2,211
Tomatoes, July-Dec	cwt	6,600	105	693	29.70	20,582	3,118
Total - 11 market crops	cwt	43,350	106	4,616	16.41	75,731	1,747
VEGETABLES FOR PROCESSING							
Tomatoes	ton	5,400	17.96	97.0	86.60	8,398	1,555
Snap beans	ton	7,400	2.77	20.5	205.00	4,203	568
Cucumbers	ton	1,100	9.51	10.5	165.00	1,726	1,569
Total - 3 processing crops	ton	13,900	9.21	128.0	111.93	14,327	1,031
Other vegetable crops 4/	ton	2,290	9.12	20.9	103.92	2,172	948
TOTAL PRINCIPAL VEGETABLES	ton	59,540	6.38	379.7	242.90	92,230	1,549
TOTAL ALL CROPS	ton	603,140	---	2,069.0	---	287,851	---

1/ Utilized production.
2/ Not included in all crops total.
3/ Includes both fresh market and processing amounts.
4/ Not published separately to avoid disclosing individual operations.

NEW JERSEY: CROP SUMMARY, 1982

Crop	Unit	Acres harvested	Yield per acre	Production (1,000)	Season avg price per unit ($)	Value	
						Total ($1,000)	per acre ($)
FIELD CROPS							
Corn for grain	bu	114,000	100.0	11,400	2.69	30,666	269
Wheat	bu	45,000	40.0	1,800	3.11	5,598	124
Oats	bu	7,000	54.0	378	2.04	771	110
Barley	bu	17,000	63.0	1,071	1.88	2,013	118
Rye	bu	11,000	29.0	319	3.74	1,193	108
Soybeans for beans	bu	170,000	25.0	4,250	5.47	23,248	137
Alfalfa hay	ton	50,000	3.50	175	---	---	---
Other hay	ton	62,000	2.00	124	---	---	---
All hay	ton	112,000	2.67	299	97.50	29,153	260
Corn for silage	ton	35,000	15.0	525	20.50	10,763	308
Potatoes	cwt	8,500	260	2,210	5.10	11,271	1,326
Sweet potatoes	cwt	2,900	110	319	9.80	3,126	1,078
TOTAL FIELD CROPS	ton	522,400	---	1,491.8	---	117,802	---
FRUIT CROPS							
Apples	lb	---	---	140,000 1/	.103	14,448	---
Peaches	lb	---	---	80,000 1/	.276	22,084	---
Blueberries	lb	7,500	4,000	30,000 1/	.712	21,360	2,848
Cranberries	cwt	3,000	98.3	295 1/	46.80	13,806	4,602
Strawberries	cwt	1,000	49	49	52.30	2,563	2,563
TOTAL FRUIT CROPS	ton	11,500 2/	---	142.2	---	74,261	---
VEGETABLES FOR FRESH MARKET							
Asparagus, Jan-June 3/	cwt	1,900	21	40	82.40	3,296	1,735
Snap beans, Jan-June	cwt	800	38	30	33.20	996	1,245
July-Dec	cwt	4,400	45	198	22.90	4,534	1,030
Cabbage, Jan-June	cwt	500	240	120	13.40	1,608	3,216
July-Dec	cwt	2,700	270	729	7.50	5,468	2,025
Sweet corn, July-Dec	cwt	12,500	74	925	12.30	11,378	910
Cucumbers, July-Dec	cwt	1,800	160	288	17.10	4,925	2,736
Eggplant, July-Dec	cwt	1,100	180	198	13.60	2,693	2,448
Escarole, Jan-June	cwt	300	150	45	24.00	1,080	3,600
July-Dec	cwt	650	185	120	15.00	1,800	2,769
Lettuce, Jan-June	cwt	1,600	150	240	11.30	2,712	1,695
July-Dec	cwt	1,300	260	338	10.50	3,549	2,730
Peppers, July-Dec	cwt	6,100	75	458	21.50	9,847	1,614
Spinach, Jan-June	cwt	1,200	72	86	27.80	2,391	1,993
July-Dec	cwt	700	90	63	23.40	1,474	2,106
Tomatoes, July-Dec	cwt	6,600	120	792	31.80	25,186	3,816
Total - 11 market crops	cwt	44,150	106	4,670	17.76	82,937	1,879
VEGETABLES FOR PROCESSING							
Tomatoes	ton	5,600	19.07	106.8	87.40	9,333	1,667
Snap beans	ton	9,300	2.66	24.7	202.00	4,997	537
Total - 2 processing crops	ton	14,900	8.83	131.5	108.97	14,330	962
TOTAL PRINCIPAL VEGETABLES	ton	59,050	6.18	365.0	266.48	97,267	1,647
TOTAL ALL CROPS	ton	581,450	---	1,999.0	---	289,330	---

1/ Utilized production.
2/ Not included in all crops total.
3/ Includes both fresh market and processing amounts.

NEW JERSEY: CROP SUMMARY, 1983

Crop	Unit	Acres harvested	Yield per acre	Production (1,000)	Season avg price per unit ($)	Value	
						Total ($1,000)	per acre ($)
FIELD CROPS							
Corn for grain	bu	90,000	68.0	6,120	3.64	22,277	248
Wheat	bu	38,000	40.0	1,520	3.36	5,107	134
Oats	bu	5,000	51.0	255	2.28	581	116
Barley	bu	17,000	53.0	901	2.15	1,937	114
Rye	bu	13,000	30.0	390	3.94	1,537	118
Soybeans for beans	bu	133,000	23.0	3,059	7.74	23,677	178
Alfalfa hay	ton	45,000	3.60	162	---	---	---
Other hay	ton	70,000	1.90	133	---	---	---
All hay	ton	115,000	2.57	295	99.00	29,205	254
Corn for silage	ton	32,000	11.0	352	25.00	8,800	275
Potatoes	cwt	8,500	190	1,615	8.35	13,485	1,586
Sweet potatoes	cwt	2,400	90	216	15.40	3,326	1,386
TOTAL FIELD CROPS	ton	453,900	---	1,084.0	---	109,932	---
FRUIT CROPS							
Apples	lb	---	---	100,000 1/	.105	10,450	---
Peaches	lb	---	---	100,000 1/	.254	25,411	---
Blueberries	lb	7,800	2,950	23,000 1/	.794	18,260	2,341
Cranberries	cwt	3,100	75.2	233 1/	52.40	12,209	3,938
Strawberries	cwt	1,000	50	50	51.10	2,555	2,555
TOTAL FRUIT CROPS	ton	11,900 2/	---	125.7	---	68,885	---
VEGETABLES FOR FRESH MARKET							
Asparagus, Jan-June 3/	cwt	1,900	17	32	79.60	2,547	1,341
Snap beans, Jan-June	cwt	600	45	27	21.20	572	953
July-Dec	cwt	2,600	39	101	31.00	3,131	1,204
Cabbage, Jan-June	cwt	400	250	100	11.00	1,100	2,750
July-Dec	cwt	2,800	245	686	12.00	8,232	2,940
Sweet corn, July-Dec	cwt	12,000	70	840	13.40	11,256	938
Cucumbers, July-Dec	cwt	1,700	150	255	15.50	3,953	2,325
Eggplant, July-Dec	cwt	1,000	150	150	16.30	2,445	2,445
Escarole, Jan-June	cwt	250	195	49	28.40	1,392	5,568
July-Dec	cwt	650	165	107	23.00	2,461	3,786
Lettuce, Jan-June	cwt	1,600	140	224	17.40	3,898	2,436
July-Dec	cwt	1,300	200	260	12.30	3,198	2,460
Peppers, July-Dec	cwt	6,100	72	439	22.00	9,658	1,583
Spinach, Jan-June	cwt	1,400	72	101	37.90	3,828	2,734
July-Dec	cwt	800	80	64	32.00	2,048	2,560
Tomatoes, July-Dec	cwt	5,700	95	542	23.10	12,520	2,196
Total - 11 market crops	cwt	40,800	97	3,977	18.16	72,239	1,771
VEGETABLES FOR PROCESSING							
Tomatoes	ton	4,400	15.70	69.1	83.00	5,734	1,303
Snap beans	ton	6,200	1.82	11.3	200.00	2,256	364
Total - 2 processing crops	ton	10,600	7.58	80.4	99.38	7,990	754
TOTAL PRINCIPAL VEGETABLES	ton	51,400	5.43	279.3	287.25	80,229	1,561
TOTAL ALL CROPS	ton	505,300	---	1,489.0	---	259,046	---

1/ Utilized production.
2/ Not included in all crops total.
3/ Includes both fresh market and processing amounts.

NEW JERSEY: CROP SUMMARY, 1984

Crop	Unit	Acres harvested	Yield per acre	Production (1,000)	Season avg price per unit ($)	Value	
						Total ($1,000)	per acre ($)
FIELD CROPS							
Corn for grain	bu	109,000	107.0	11,663	2.85	33,240	305
Wheat	bu	39,000	43.0	1,677	3.40	5,702	146
Oats	bu	6,000	56.0	336	1.75	588	98
Barley	bu	15,000	55.0	825	2.15	1,774	118
Rye	bu	9,000	29.0	261	3.50	914	102
Soybeans for beans	bu	133,000	31.0	4,123	6.00	24,738	186
Alfalfa hay	ton	45,000	3.70	167	---	---	---
Other hay	ton	75,000	2.00	150	---	---	---
All hay	ton	120,000	2.64	317	100.00	31,700	264
Corn for silage	ton	27,000	15.0	405	24.00	9,720	360
Potatoes	cwt	8,500	215	1,828	7.25	13,253	1,559
Sweet potatoes	cwt	2,400	110	264	17.20	4,541	1,892
TOTAL FIELD CROPS	ton	468,900	---	1,359.7	---	126,170	---
FRUIT CROPS							
Apples	lb	---	---	110,000 1/	.127	14,014	---
Peaches	lb	---	---	50,000 1/	.286	14,310	---
Blueberries	lb	7,900	3,800	29,000 1/	.620	17,980	2,276
Cranberries	cwt	3,200	85.6	274 1/	55.00	15,070	4,709
Strawberries	cwt	1,000	50	50	59.30	2,965	2,965
TOTAL FRUIT CROPS	ton	12,100 2/	---	110.7	---	64,339	
VEGETABLES FOR FRESH MARKET							
Asparagus, Jan-June 3/	cwt	2,000	15	30	70.90	2,127	1,064
Snap beans, Jan-June	cwt	800	35	28	41.60	1,165	1,456
July-Dec	cwt	4,600	45	207	22.60	4,678	1,017
Cabbage, Jan-June	cwt	500	230	115	8.20	943	1,886
July-Dec	cwt	2,900	225	653	7.45	4,865	1,678
Sweet corn, July-Dec	cwt	12,500	80	1,000	11.30	11,300	904
Cucumbers, July-Dec	cwt	2,000	160	320	15.90	5,088	2,544
Eggplant, July-Dec	cwt	900	175	158	17.50	2,765	3,072
Escarole, Jan-June	cwt	250	150	38	20.00	760	3,040
July-Dec	cwt	550	185	102	17.70	1,805	3,282
Lettuce, Jan-June	cwt	1,500	135	203	12.20	2,477	1,651
July-Dec	cwt	1,300	185	241	15.50	3,736	2,874
Peppers, July-Dec	cwt	6,100	75	458	19.20	8,794	1,442
Spinach, Jan-June	cwt	1,550	70	109	21.30	2,322	1,498
July-Dec	cwt	750	78	59	23.40	1,381	1,841
Tomatoes, July-Dec	cwt	6,000	95	570	24.10	13,737	2,290
Total - 11 market crops	cwt	44,200	97	4,291	15.83	67,943	1,537
VEGETABLES FOR PROCESSING							
Tomatoes	ton	4,000	19.66	78.6	80.40	6,323	1,581
Snap beans	ton	8,000	2.81	22.5	202.00	4,541	568
Cucumbers	ton	840	9.45	7.9	185.00	1,469	1,749
Total - 3 processing crops	ton	12,840	8.49	109.0	113.15	12,333	961
Other vegetable crops 4/	ton	2,500	11.36	28.4	84.08	2,388	955
TOTAL PRINCIPAL VEGETABLES	ton	59,540	5.91	352.0	234.84	82,664	1,388
TOTAL ALL CROPS	ton	528,440	---	1,822.4	---	273,173	---

1/ Utilized production.
2/ Not included in all crops total.
3/ Includes both fresh market and processing amounts.
4/ Not published separately to avoid disclosing individual operations.

FIELD CROP SUMMARY

Weather conditions in New Jersey during 1984 were generally beneficial to the production of most field crops. A cool, wet spring delayed planting schedules, however by June drier conditions prevailed. In the summer months timely rainfall and the lack of an extended heat wave enhanced crop development. State yields for all field crops except rye were above 1983's reduced crop yields.

The 1984 wheat crop increased to 1,677,000 bushels, up 10 percent from the 1983 crop of 1,520,000 bushels. Acres harvested increased to 39,000, up 1,000 acres from the previous year. The 43.0 bushel average yield increased 3 bushels per acre from a year earlier. The average price improved to $3.40 per bushel, up 4 cents from 1983. This resulted in a value of production amounting to $5.7 million compared to $5.1 million the previous year.

Corn for grain production totaled 11,663,000 bushels, up 91 percent from the 1983 crop of 6,120,000 bushels. Acres harvested for grain, at 109,000, was 19,000 acres more than the previous year. Yield per acre averaged 107.0 bushels compared to 68.0 a year earlier. The season average price decreased 79 cents per bushel from 1983 to $2.85. Value of production increased to $33.2 million, up 49 percent from $22.3 million in 1983. Corn silage production amounted to 405,000 tons, 15 percent more than 1983. Yield averaged 15.0 tons per acre compared to 11.0 tons in 1983. Value of production increased to $9.7 million, up 10 percent from the $8.8 million value in 1983.

Soybean production in 1984 totaled 4,123,000 bushels, 35 percent above 1983. Acres harvested remained unchanged from a year earlier at 133,000. Yield averaged 31.0 bushels per acre compared to 23.0 the previous year. Season average price per bushel decreased to $6.00, down $1.74 from the previous year. Value of production increased to $24.7 million compared to $23.7 million from a year earlier.

White potato production in 1984 amounted to 1,828,000 hundredweight, up 13 percent from the

1,615,000 hundredweight produced in 1983. Acreage harvested remained unchanged at 8,500 acres. Yield per acre increased to 215 hundredweight compared to a yield of 190 hundredweight per acre in 1983. Season average price decreased 13 percent to $7.25 per hundredweight. Value of production decreased slightly to $13.3 million, down 2 percent from 1983.

Sweetpotato production increased to 264,000 hundredweight, up 22 percent from 1983. Acreage harvested, at 2,400 acres, remained unchanged from the previous year. Yield averaged 110 hundredweight per acre in 1984 compared to 90 hundredweight a year earlier. Season average price increased to $17.20 per hundredweight, up $1.80 from 1983. Value of production increased to $4.5 million, up 37 percent from the previous year.

All hay production totaled 317,000 tons, 7 percent above 1983. Acres harvested increased 5,000 acres from the previous year to 120,000 acres. Yield per acre averaged 2.64 tons compared 2.57 tons a year earlier. Season average price increased to $100.00 per ton, $1.00 above 1983. Value of production amounted to $31.7 million compared to $29.2 million the previous year.

NEW JERSEY: FIELD CROPS, ACREAGE, PRODUCTION AND VALUE, 1979-1984

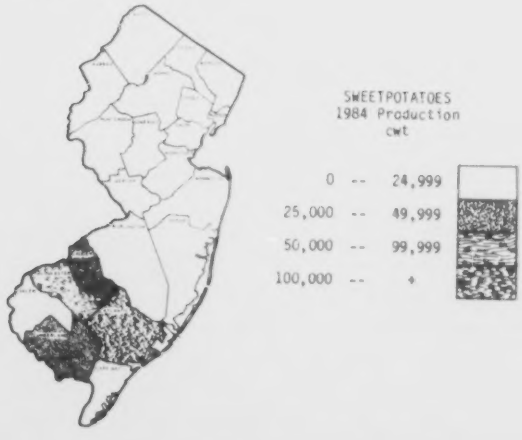
Year	Acres		Yield per acre 1/	Production (1,000) 1/	Season avg price 1/ ($)	Value	
	Planted (1,000)	Harvested (1,000)				Total ($1,000)	per acre ($)
				CORN FOR GRAIN 2/			
1979	137	95	90.0	8,550	2.89	24,710	260
1980	158	118	75.0	8,850	3.59	31,772	269
1981	170	130	99.0	12,870	2.61	33,591	258
1982	152	114	100.0	11,400	2.69	30,666	269
1983	125	90	68.0	6,120	3.64	22,277	248
1984 4/	140	109	107.0	11,663	2.85	33,240	305
				CORN FOR SILAGE			
1979	---	39	15.0	585	21.36	12,496	320
1980	---	36	13.5	486	27.20	13,219	367
1981	---	37	15.0	555	20.76	11,522	311
1982	---	35	15.0	525	20.50	10,763	308
1983	---	32	11.0	352	25.00	8,800	275
1984 4/	---	27	15.0	405	24.00	9,720	360
				WHEAT			
1979	51	41	36.0	1,476	4.00	5,904	144
1980	52	43	43.0	1,849	3.98	7,359	171
1981	64	56	42.0	2,352	3.27	7,691	137
1982	60	45	40.0	1,800	3.11	5,598	124
1983	55	38	40.0	1,520	3.36	5,107	134
1984 4/	48	39	43.0	1,677	3.40	5,702	146
				OATS			
1979	8	7	50.0	350	1.50	525	75
1980	8	7	55.0	385	2.22	855	122
1981	8	7	55.0	385	2.20	847	121
1982	8	7	54.0	378	2.04	771	110
1983	6	5	51.0	255	2.28	581	116
1984 4/	7	6	56.0	336	1.75	588	98
				BARLEY			
1979	28	14	51.0	714	1.95	1,392	99
1980	27	15	53.0	795	2.23	1,773	118
1981	24	16	61.0	976	2.02	1,972	123
1982	28	17	63.0	1,071	1.88	2,013	118
1983	25	17	53.0	901	2.15	1,937	114
1984 4/	21	15	55.0	825	2.15	1,774	118
				RYE			
1979	79	10	25.0	250	3.05	763	76
1980	82	8	27.0	216	3.24	700	88
1981	76	9	29.0	261	3.89	1,015	113
1982	80	11	29.0	319	3.74	1,193	108
1983	76	13	30.0	390	3.94	1,537	118
1984 4/	60	9	29.0	261	3.50	914	102
				SOYBEANS 3/			
1979	205	203	30.0	6,090	6.20	37,758	186
1980	200	194	18.0	3,492	7.77	27,133	140
1981	170	168	29.0	4,872	5.96	29,037	173
1982	172	170	25.0	4,250	5.47	23,248	137
1983	135	133	23.0	3,059	7.74	23,677	178
1984 4/	135	133	31.0	4,123	6.00	24,738	186

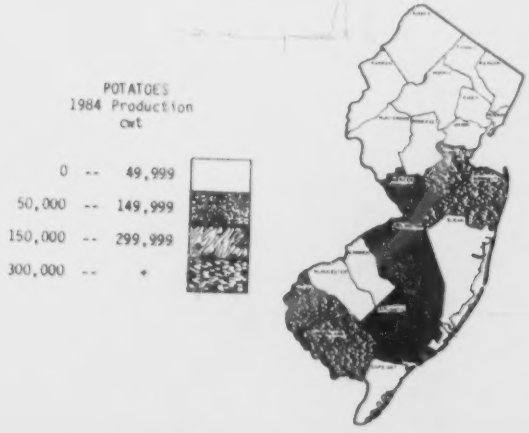
1/ Yield per acre, production and season average price of grains in bushels; silage in tons.
2/ Corn acres planted (first column) is for all purposes including silage and other; remaining columns relate only to corn harvested for grain.
3/ Soybean acres planted (first column) is for all purposes including silage and other; remaining columns relate only to soybeans harvested for beans.
4/ Preliminary.

NEW JERSEY: FIELD CROPS, ACREAGE, PRODUCTION AND VALUE, 1979-1984

Year	Acres		Yield per acre 1/	Production (1,000) 1/	Season avg price 1/ ($)	Value	
	Planted (1,000)	Harvested (1,000)				Total ($1,000)	per acre ($)
POTATOES							
1979	8.8	8.5	250	2,125	4.00	8,500	1,000
1980	8.5	8.2	240	1,968	8.30	16,334	1,992
1981	8.3	8.1	255	2,066	7.00	14,462	1,785
1982	8.6	8.5	260	2,210	5.10	11,271	1,326
1983	8.8	8.5	190	1,615	8.35	13,485	1,586
1984 3/	8.6	8.5	215	1,828	7.25	13,253	1,559
SWEET POTATOES							
1979	2.7	2.7	115	311	13.50	4,199	1,555
1980	2.4	2.4	115	276	16.40	4,526	1,886
1981	2.5	2.5	110	275	16.10	4,428	1,771
1982	2.9	2.9	110	319	9.80	3,126	1,078
1983	2.5	2.4	90	216	15.40	3,326	1,386
1984 3/	2.4	2.4	110	264	17.20	4,541	1,892
ALFALFA HAY							
1979	---	48	3.60	173	---	---	---
1980	---	41	3.00	123	---	---	---
1981	---	45	3.40	153	---	---	---
1982	---	50	3.50	175	---	---	---
1983	---	45	3.60	162	---	---	---
1984 3/	---	45	3.70	167	---	---	---
OTHER HAY 2/							
1979	---	79	2.20	174	---	---	---
1980	---	66	2.00	132	---	---	---
1981	---	65	2.00	130	---	---	---
1982	---	62	2.00	124	---	---	---
1983	---	70	1.90	133	---	---	---
1984 3/	---	75	2.00	150	---	---	---
ALL HAY							
1979	---	127	2.73	347	61.00	21,167	167
1980	---	107	2.38	255	78.50	20,018	187
1981	---	110	2.57	283	94.00	26,602	242
1982	---	112	2.67	299	97.50	29,153	260
1983	---	115	2.57	295	99.00	29,205	254
1984 3/	---	120	2.64	317	100.00	31,700	264

1/ Yield per acre, production and season average price of potatoes and sweet potatoes in hundredweight; hay in tons.
2/ Includes clover and timothy hay.
3/ Preliminary.





NEW JERSEY: STOCKS OF GRAIN IN ALL POSITIONS, 1979-1985

Crop year	January 1			April 1			June 1			October 1		
	On farm	Off farm	Total all positions	On farm	Off farm	Total all positions	On farm	Off farm	Total all positions	On farm	Off farm	Total all positions
	-- 1,000 bushels --											
	WHEAT											
1979	72	253	325	9	1/	1/	5	1/	1/	177	139	316
1980	74	198	272	37	1/	1/	22	1/	1/	259	1/	1/
1981	148	1/	1/	111	1/	1/	92	1/	1/	141	1/	1/
1982	71	212	283	47	142	189	24	112	136	252	1/	1/
1983	216	210	426	90	131	221	36	1/	1/	182	181	363
1984	106	1/	1/	46	1/	1/	30	1/	1/	201	1/	1/
	OATS											
1979	192	61	253	84	54	138	61	55	116	263	74	337
1980	228	54	282	116	53	169	74	55	129	281	51	332
1981	258	50	308	162	54	216	35	41	76	266	91	357
1982	154	60	214	116	61	177	92	45	137	246	64	310
1983	215	82	297	87	47	134	76	27	103	166	26	192
1984	158	38	196	97	40	137	51	30	81	242	45	287
	BARLEY											
1979	97	61	158	35	68	103	7	1/	1/	86	98	184
1980	71	66	137	43	49	92	29	1/	1/	239	1/	1/
1981	103	1/	1/	72	1/	1/	32	1/	1/	146	1/	1/
1982	117	96	213	59	74	133	39	1/	1/	182	1/	1/
1983	129	101	230	43	40	83	21	26	47	225	185	410
1984	90	87	177	36	1/	1/	9	54	63	124	204	328
	RYE											
1979	63	1/	1/	43	1/	1/	25	1/	1/	75	1/	1/
1980	50	1/	1/	25	0	25	8	1/	1/	114	1/	1/
1981	32	1/	1/	6	0	6	4	0	4	99	1/	1/
1982	52	1/	1/	21	1/	1/	13	1/	1/	105	1/	1/
1983	32	1/	1/	13	1/	1/	6	0	6	21	2/	2/
1984 2/												
	CORN											
1979	5,436	392	5,828	3,187	307	3,494	1,406	1/	1/	375	32	407
1980	5,130	213	5,343	2,565	141	2,706	1,625	40	1,665	171	13	184
1981	4,779	206	4,985	2,478	182	2,660	1,593	131	1,724	266	42	308
1982	6,306	251	6,557	3,604	110	3,714	3,089	120	3,209	1,931	81	2,012
1983	7,068	389	7,457	2,964	129	3,093	2,052	116	2,168	1,140	82	1,222
1984	3,305	280	3,585	2,020	145	2,165	1,102	108	1,210	245	1/	1/
	SOYBEANS 3/											
1979	2,428	1/	1/	533	1/	1/	178	1/	1/	118	1/	1/
1980	3,350	233	3,583	1,035	1/	1/	974	1/	1/	670	1/	1/
1981	1,222	95	1,317	698	1/	1/	629	1/	1/	297	1/	1/
1982	1,949	89	2,038	682	1/	1/	487	1/	1/	49	1/	1/
1983	1,488	172	1,660	850	1/	1/	383	22	405	170	0	170
1984	1,101	80	1,181	428	1/	1/	92	1/	1/	37	1/	1/

1/ Included in national estimates, but not shown for New Jersey to avoid disclosure of individual operations.
2/ Estimates discontinued.
3/ Soybean stocks as of September 1, instead of October 1.

NEW JERSEY: CORN ACREAGE, BY COUNTIES, 1979-84

County	1979	1980	1981	1982	1983	1984 1/
	-- Acres planted for all purposes --					
NORTH DISTRICT						
Hunterdon	27,000	31,700	32,000	28,200	21,100	25,000
Morris	3,300	4,500	5,700	5,300	4,500	5,000
Somerset	7,700	9,300	9,900	9,200	6,100	6,700
Sussex	10,500	11,800	12,500	10,500	8,700	9,000
Warren	26,900	32,000	33,000	29,000	25,100	26,100
CENTRAL DISTRICT						
Burlington	16,700	17,400	18,000	17,000	16,100	18,300
Mercer	5,500	5,400	5,100	5,000	4,200	5,400
Middlesex	3,600	4,200	5,200	6,000	4,600	7,500
Monmouth	11,100	11,800	11,800	10,000	7,800	8,100
Ocean	1,500	1,700	3,300	1,600	1,400	1,100
SOUTH DISTRICT						
Atlantic	350	400	400	300	300	300
Camden	550	400	500	500	400	300
Cape May	500	700	700	700	600	600
Cumberland	4,900	4,800	5,400	4,000	3,700	4,100
Gloucester	3,300	3,700	4,400	5,000	4,000	4,300
Salem	13,400	18,000	21,800	19,400	15,800	17,000
Other counties	200	200	300	300	600	700
STATE	137,000	158,000	170,000	152,000	125,000	140,000
	-- Acres harvested for grain --					
NORTH DISTRICT						
Hunterdon	20,900	24,800	26,500	22,400	16,000	21,000
Morris	2,200	3,400	4,800	4,900	3,900	4,500
Somerset	5,100	6,600	7,500	6,800	4,000	5,600
Sussex	3,000	3,500	5,000	3,600	2,800	3,000
Warren	19,100	24,200	24,900	22,500	19,200	20,000
CENTRAL DISTRICT						
Burlington	12,700	13,800	14,000	13,000	12,800	15,000
Mercer	4,600	5,100	4,700	4,800	3,600	5,100
Middlesex	2,900	3,700	4,400	5,000	3,900	6,700
Monmouth	9,400	10,200	10,600	8,800	6,900	7,400
Ocean	1,000	1,300	2,800	1,500	1,000	1,000
SOUTH DISTRICT						
Atlantic	300	350	200	200	200	100
Camden	500	400	300	500	300	300
Cape May	500	700	600	700	500	500
Cumberland	3,500	4,200	4,400	2,900	2,700	3,300
Gloucester	2,000	2,150	2,700	3,600	2,500	2,700
Salem	7,200	13,500	16,400	12,600	9,300	12,300
Other counties	100	100	200	200	400	500
STATE	95,000	118,000	130,000	114,000	90,000	109,000

1/ Preliminary.

NEW JERSEY: CORN PRODUCTION AND YIELD, BY COUNTIES, 1979-84

County	1979	1980	1981	1982	1983	1984 1/
			-- Production (bushels) --			
NORTH DISTRICT						
Hunterdon	1,819,000	1,660,000	2,729,500	2,038,400	944,000	2,142,000
Morris	191,500	292,100	566,400	436,100	319,800	513,000
Somerset	428,000	441,800	675,000	564,400	184,000	588,000
Sussex	249,000	304,200	545,000	367,200	224,000	300,000
Warren	1,852,000	2,007,000	2,763,900	2,362,500	1,670,400	1,900,000
CENTRAL DISTRICT						
Burlington	1,156,000	1,048,000	1,260,000	1,352,000	819,200	1,635,000
Mercer	395,500	285,300	432,400	604,800	244,800	581,400
Middlesex	264,000	247,700	484,000	615,000	312,000	737,000
Monmouth	846,000	642,000	954,000	880,000	420,900	777,000
Ocean	83,000	77,900	173,600	144,000	70,000	100,000
SOUTH DISTRICT						
Atlantic	23,500	21,000	14,200	16,600	10,400	10,500
Camden	38,600	22,400	24,000	41,000	19,200	30,000
Cape May	37,600	62,900	46,200	63,000	24,500	50,500
Cumberland	273,000	373,500	374,000	284,200	135,000	402,600
Gloucester	194,000	169,700	232,200	313,200	162,500	310,500
Salem	691,000	1,187,000	1,574,400	1,297,800	530,100	1,537,500
Other counties	8,300	7,500	21,200	19,800	29,200	48,000
STATE	8,550,000	8,850,000	12,870,000	11,400,000	6,120,000	11,663,000
			-- Yield per acre (bushels) --			
NORTH DISTRICT						
Hunterdon	87	67	103	91	59	102
Morris	87	86	118	89	82	114
Somerset	84	67	90	83	46	105
Sussex	83	87	109	102	80	100
Warren	97	83	111	105	87	95
CENTRAL DISTRICT						
Burlington	91	76	90	104	64	109
Mercer	86	56	92	126	68	114
Middlesex	91	67	110	123	80	110
Monmouth	90	63	90	100	61	105
Ocean	83	60	62	96	70	100
SOUTH DISTRICT						
Atlantic	78	60	71	83	52	105
Camden	77	56	80	82	64	100
Cape May	75	90	77	90	49	101
Cumberland	78	89	85	98	50	122
Gloucester	97	79	86	87	65	115
Salem	96	88	96	103	57	125
Other counties	83	75	106	99	73	96
STATE	90	75	99	100	68	107

1/ Preliminary.

NEW JERSEY: SOYBEANS FOR BEANS, BY COUNTIES, 1979-1984

County	1979	1980	1981	1982	1983	1984 1/
NORTH DISTRICT			-- Acres harvested --			
Hunterdon	13,500	14,400	12,000	12,000	8,500	9,100
Somerset	10,800	10,100	8,300	8,400	6,200	6,500
Warren	4,200	3,700	2,200	3,400	3,200	3,400
CENTRAL DISTRICT						
Burlington	34,500	32,000	25,000	26,000	20,000	20,800
Mercer	18,000	16,100	14,300	15,300	10,500	11,000
Middlesex	11,000	10,100	9,100	9,800	7,300	7,300
Monmouth	26,500	25,000	20,000	19,000	18,500	18,600
Ocean	1,200	1,300	2,300	2,000	1,700	1,200
SOUTH DISTRICT						
Atlantic	700	1,000	1,100	1,200	900	900
Camden	800	1,300	1,400	2,100	800	1,300
Cape May	1,200	1,200	1,400	1,500	900	900
Cumberland	22,000	21,800	21,500	20,000	16,000	14,000
Gloucester	22,500	21,600	19,500	19,500	14,500	13,500
Salem	35,500	33,700	29,100	29,000	23,500	24,000
Other counties	600	700	800	800	500	500
STATE	203,000	194,000	168,000	170,000	133,000	133,000
NORTH DISTRICT			-- Yield per acre (bushels) --			
Hunterdon	30	15	34	25	22	32
Somerset	30	13	26	19	17	29
Warren	38	23	37	34	32	34
CENTRAL DISTRICT						
Burlington	29	20	29	27	26	33
Mercer	25	17	28	28	26	31
Middlesex	30	16	28	31	19	32
Monmouth	30	15	27	26	24	30
Ocean	27	20	29	18	28	30
SOUTH DISTRICT						
Atlantic	27	19	22	20	13	26
Camden	29	8	35	21	12	25
Cape May	33	17	31	25	24	32
Cumberland	33	23	29	24	29	33
Gloucester	28	16	29	18	14	29
Salem	32	20	29	26	22	30
Other counties	33	24	38	25	28	29
STATE	30	18	29	25	23	31
NORTH DISTRICT			-- Production (bushels) --			
Hunterdon	405,000	216,000	408,000	300,000	187,000	291,200
Somerset	324,000	131,100	215,800	159,600	105,400	188,500
Warren	159,600	85,000	81,400	115,600	102,400	115,600
CENTRAL DISTRICT						
Burlington	1,000,500	639,000	725,000	702,000	520,000	686,400
Mercer	450,000	273,300	400,400	428,400	273,000	341,000
Middlesex	330,000	161,400	254,800	303,800	138,700	233,600
Monmouth	795,000	374,600	540,000	494,000	444,000	558,000
Ocean	32,400	26,000	66,700	36,000	47,600	36,000
SOUTH DISTRICT						
Atlantic	18,900	19,000	24,200	24,000	11,700	23,400
Camden	23,200	10,400	49,000	44,100	9,600	32,500
Cape May	39,600	20,400	43,400	37,500	21,600	28,800
Cumberland	726,000	500,500	623,500	480,000	464,000	462,000
Gloucester	630,000	345,300	565,500	351,000	203,000	391,500
Salem	1,136,000	673,000	843,900	754,000	517,000	720,000
Other counties	19,800	17,000	30,400	20,000	14,000	14,500
STATE	6,090,000	3,492,000	4,872,000	4,250,000	3,059,000	4,123,000

1/ Preliminary.

NEW JERSEY: WHEAT FOR GRAIN, BY COUNTIES, 1979-84

County	1979	1980	1981	1982	1983	1984 1/
			-- Acres harvested --			
NORTH DISTRICT						
Hunterdon	3,900	3,500	4,500	4,800	4,100	4,100
Somerset	2,100	2,200	2,300	2,300	1,900	2,100
Warren	2,400	2,000	2,400	2,500	2,100	2,400
CENTRAL DISTRICT						
Burlington	4,100	3,500	4,400	5,200	4,300	3,700
Mercer	7,100	5,700	6,500	5,300	3,900	4,000
Middlesex	4,700	3,300	3,700	2,800	2,200	2,200
Monmouth	6,400	7,000	8,600	6,000	5,600	5,000
SOUTH DISTRICT						
Camden	---	500	700	600	400	400
Cumberland	3,600	5,700	8,100	4,800	4,100	4,900
Gloucester	1,400	2,500	4,400	3,600	3,000	3,600
Salem	4,200	6,500	9,800	6,600	5,800	6,300
Other counties	1,100	600	600	500	600	300
STATE	41,000	43,000	56,000	45,000	38,000	39,000
			-- Yield per acre (bushels) --			
NORTH DISTRICT						
Hunterdon	32	39	39	35	40	38
Somerset	32	38	46	38	35	41
Warren	38	47	50	42	45	47
CENTRAL DISTRICT						
Burlington	36	46	45	41	40	45
Mercer	33	46	46	41	40	43
Middlesex	37	43	41	43	41	40
Monmouth	38	40	41	42	40	43
SOUTH DISTRICT						
Camden	---	33	34	32	31	41
Cumberland	39	42	42	38	40	47
Gloucester	33	45	36	40	38	42
Salem	41	45	41	41	41	43
Other counties	34	43	42	41	41	40
STATE	36	43	42	40	40	43
			-- Production (bushels) --			
NORTH DISTRICT						
Hunterdon	125,000	137,000	175,500	168,000	164,000	155,800
Somerset	67,000	84,000	105,800	87,400	66,500	86,100
Warren	91,000	94,000	120,000	105,000	94,500	112,800
CENTRAL DISTRICT						
Burlington	147,000	161,000	198,000	213,200	172,000	166,500
Mercer	234,000	263,000	299,000	217,300	156,000	172,000
Middlesex	174,000	142,000	151,700	120,400	90,200	88,000
Monmouth	243,000	280,000	352,600	252,000	224,000	215,000
SOUTH DISTRICT						
Camden	---	16,500	23,800	19,200	12,400	16,400
Cumberland	140,000	240,000	340,200	182,400	164,000	230,300
Gloucester	46,000	113,000	158,400	144,000	114,000	151,200
Salem	172,000	293,000	401,800	270,600	237,800	270,900
Other counties	37,000	25,500	25,200	20,500	24,600	12,000
STATE	1,476,000	1,849,000	2,352,000	1,800,000	1,520,000	1,677,000

1/ Preliminary.

NEW JERSEY: BARLEY FOR GRAIN, BY COUNTIES 1979-1984

County	1979	1980	1981	1982	1983	1984 1/
			-- Acres harvested --			
NORTH DISTRICT						
Hunterdon	400	550	500	400	500	300
Somerset	400	500	300	400	500	300
Warren	300	300	300	200	300	200
CENTRAL DISTRICT						
Burlington	3,300	3,700	3,700	3,900	3,800	3,200
Mercer	1,100	1,500	1,500	1,900	1,700	1,600
Middlesex	500	450	600	700	900	800
Monmouth	1,200	1,300	2,000	1,900	1,800	1,700
SOUTH DISTRICT						
Cumberland	1,500	1,750	1,900	2,000	2,000	2,100
Gloucester	1,100	700	900	1,100	1,000	500
Salem	4,000	4,000	3,900	4,000	3,900	3,900
Other counties	200	250	400	500	600	400
STATE	14,000	15,000	16,000	17,000	17,000	15,000
			-- Yield per acre (bushels) --			
NORTH DISTRICT						
Hunterdon	43	38	48	55	50	61
Somerset	47	46	49	59	58	65
Warren	47	50	45	50	48	65
CENTRAL DISTRICT						
Burlington	53	51	65	65	57	50
Mercer	53	59	72	71	56	61
Middlesex	51	60	70	63	56	56
Monmouth	58	61	68	69	54	54
SOUTH DISTRICT						
Cumberland	56	55	55	59	53	62
Gloucester	47	55	53	58	50	54
Salem	48	51	57	60	48	52
Other counties	40	64	57	60	50	50
STATE	51	53	61	63	53	55
			-- Production (bushels) --			
NORTH DISTRICT						
Hunterdon	17,200	20,900	24,000	22,000	25,000	18,300
Somerset	18,800	23,000	14,700	23,600	29,000	19,500
Warren	14,100	15,000	13,500	10,000	14,400	13,000
CENTRAL DISTRICT						
Burlington	174,900	188,000	240,500	253,500	216,600	160,000
Mercer	58,300	88,400	108,000	134,900	95,200	97,600
Middlesex	25,500	27,000	42,000	44,100	50,400	44,800
Monmouth	69,600	79,300	136,000	131,100	97,200	91,800
SOUTH DISTRICT						
Cumberland	84,000	96,000	104,500	118,000	106,000	130,200
Gloucester	51,700	38,500	47,700	63,800	50,000	27,000
Salem	192,000	203,000	222,300	240,000	187,200	202,800
Other counties	7,900	15,900	22,800	30,000	30,000	20,000
STATE	714,000	795,000	976,000	1,071,000	901,000	825,000

1/ Preliminary.

NEW JERSEY: HAY ACREAGE, BY COUNTIES, 1979-1984

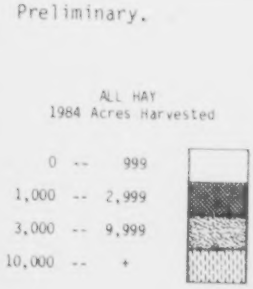
County	1979	1980	1981	1982	1983	1984 1/
			-- Alfalfa Hay --			
NORTH DISTRICT						
Hunterdon	7,500	6,400	6,400	8,300	7,400	7,100
Morris	2,000	1,700	1,800	1,400	1,200	1,100
Somerset	2,600	1,900	2,000	4,200	3,500	3,700
Sussex	8,600	7,200	9,000	8,200	7,700	7,100
Warren	9,500	8,200	8,400	9,600	9,200	9,400
CENTRAL DISTRICT						
Burlington	4,000	3,300	4,000	4,200	4,000	4,100
Mercer	850	600	900	2,000	1,700	1,800
Middlesex	250	250	300	400	400	500
Monmouth	2,200	1,900	2,000	2,800	2,500	2,800
Ocean	300	250	400	400	400	300
SOUTH DISTRICT						
Cape May	400	400	600	500	400	500
Cumberland	3,400	3,300	3,700	1,700	1,400	1,200
Gloucester	1,400	1,200	1,200	1,400	1,000	1,200
Salem	4,500	4,000	3,800	4,200	3,600	3,700
Other counties	500	400	500	700	600	500
STATE	48,000	41,000	45,000	50,000	45,000	45,000
			-- Other Hay --			
NORTH DISTRICT						
Hunterdon	19,000	15,300	15,600	14,200	15,000	17,000
Morris	5,400	4,200	4,200	3,900	4,500	4,300
Somerset	8,300	7,400	7,000	7,000	8,000	8,000
Sussex	12,400	10,600	10,000	11,000	12,000	14,000
Warren	8,500	7,050	7,600	7,000	7,900	8,000
CENTRAL DISTRICT						
Burlington	5,250	4,200	3,800	5,100	5,600	5,500
Mercer	2,150	1,800	1,500	1,800	2,500	2,800
Middlesex	900	750	600	700	1,000	900
Monmouth	3,100	2,700	2,400	1,800	2,200	2,600
Ocean	1,150	1,050	1,400	1,300	1,700	1,500
SOUTH DISTRICT						
Cape May	1,100	1,100	1,000	500	600	800
Cumberland	5,200	4,500	4,500	2,500	3,000	3,500
Gloucester	1,200	900	1,000	1,000	1,300	1,300
Salem	4,500	3,800	3,700	3,500	3,900	3,800
Other counties	850	650	700	700	800	1,000
STATE	79,000	66,000	65,000	62,000	70,000	75,000
			-- All Hay --			
NORTH DISTRICT						
Hunterdon	26,500	21,700	22,000	22,500	22,400	24,100
Morris	7,400	5,900	6,000	5,300	5,700	5,400
Somerset	10,900	9,300	9,000	11,200	11,500	11,700
Sussex	21,000	17,800	19,000	19,200	19,700	21,100
Warren	18,000	15,250	16,000	16,600	17,100	17,400
CENTRAL DISTRICT						
Burlington	9,250	7,500	7,800	9,300	9,600	9,600
Mercer	3,000	2,400	2,400	3,800	4,200	4,600
Middlesex	1,150	1,000	900	1,100	1,400	1,400
Monmouth	5,300	4,600	4,400	4,600	4,700	5,400
Ocean	1,450	1,300	1,800	1,700	2,100	1,800
SOUTH DISTRICT						
Cape May	1,500	1,500	1,600	1,000	1,000	1,300
Cumberland	8,600	7,800	8,200	4,200	4,400	4,700
Gloucester	2,600	2,100	2,200	2,400	2,300	2,500
Salem	9,000	7,800	7,500	7,700	7,500	7,500
Other counties	1,350	1,050	1,200	1,400	1,400	1,500
STATE	127,000	107,000	110,000	112,000	115,000	120,000

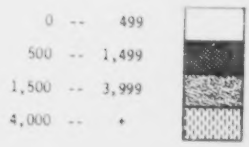
1/ Preliminary.

NEW JERSEY: ALL HAY YIELD AND PRODUCTION, BY COUNTIES, 1979-1984

County	1979	1980	1981	1982	1983	1984 1/
			-- Yield (tons) --			
NORTH DISTRICT						
Hunterdon	2.5	2.1	2.2	2.4	2.5	2.6
Morris	2.6	2.2	2.0	2.3	2.1	2.4
Somerset	2.3	1.8	2.4	2.5	2.3	2.5
Sussex	3.0	2.6	2.5	2.6	2.6	2.7
Warren	2.9	2.5	3.2	3.2	2.9	2.7
CENTRAL DISTRICT						
Burlington	2.8	2.8	2.5	2.6	2.7	2.9
Mercer	2.5	2.1	2.0	2.1	2.5	2.6
Middlesex	2.5	1.9	1.8	1.8	2.0	2.4
Monmouth	2.7	2.4	3.0	3.0	2.7	2.8
Ocean	1.9	2.0	2.7	2.9	2.0	2.0
SOUTH DISTRICT						
Cape May	2.3	2.4	2.0	2.3	2.2	2.5
Cumberland	2.6	2.4	2.6	2.6	2.3	2.3
Gloucester	3.2	2.5	2.8	2.9	2.7	2.7
Salem	3.4	3.1	3.3	3.2	3.0	3.0
Other counties	2.4	1.9	2.2	2.6	2.4	2.3
STATE	2.73	2.38	2.57	2.67	2.57	2.64
			-- Production (tons) --			
NORTH DISTRICT						
Hunterdon	66,250	45,570	48,400	54,000	56,000	61,600
Morris	19,240	12,980	12,000	12,000	12,000	12,800
Somerset	25,070	16,740	22,000	28,000	27,000	29,600
Sussex	63,000	46,280	47,500	50,000	51,000	57,100
Warren	52,200	38,125	51,200	53,000	49,000	46,900
CENTRAL DISTRICT						
Burlington	25,900	21,000	19,500	24,000	26,000	28,000
Mercer	7,500	5,040	4,800	8,000	10,400	12,000
Middlesex	2,875	1,900	1,620	2,000	2,800	3,400
Monmouth	14,300	11,040	13,200	14,000	12,500	15,300
Ocean	2,755	2,600	4,800	5,000	4,100	3,600
SOUTH DISTRICT						
Cape May	3,450	3,600	3,200	2,300	2,200	3,200
Cumberland	22,360	18,720	21,280	11,000	10,000	10,800
Gloucester	8,320	5,250	6,160	7,000	6,100	6,800
Salem	30,600	24,180	24,750	25,000	22,500	22,400
Other counties	3,180	1,975	2,590	3,700	3,400	3,500
STATE	347,000	255,000	283,000	299,000	295,000	317,000

1/ Preliminary.





NEW JERSEY: POTATOES, BY COUNTIES, 1979-1984

County	1979	1980	1981	1982	1983	1984 1/
			-- Acres harvested --			
CENTRAL DISTRICT						
Burlington	600	700	600	400	600	600
Mercer	550	600	600	400	500	500
Middlesex	1,750	1,100	1,300	2,200	1,800	1,700
Monmouth	2,100	1,600	1,500	1,500	1,700	1,800
SOUTH DISTRICT						
Atlantic	800	800	700	400	400	400
Cumberland	1,350	1,800	2,000	2,000	1,800	1,700
Salem	1,150	1,300	1,200	1,400	1,500	1,600
Other counties	200	300	200	200	200	200
STATE	8,500	8,200	8,100	8,500	8,500	8,500
			-- Yield per acre (cwt) --			
CENTRAL DISTRICT						
Burlington	240	230	235	255	140	235
Mercer	240	265	280	250	240	200
Middlesex	265	270	285	280	220	180
Monmouth	255	260	280	280	180	215
SOUTH DISTRICT						
Atlantic	185	215	235	270	150	210
Cumberland	255	220	240	225	180	240
Salem	280	235	230	260	190	230
Other counties	178	205	230	250	200	170
STATE	250	240	255	260	190	215
			-- Production (cwt) --			
CENTRAL DISTRICT						
Burlington	144,000	161,000	141,000	102,000	84,000	141,000
Mercer	132,000	159,000	168,000	100,000	120,000	100,000
Middlesex	463,750	297,000	370,500	616,000	396,000	306,000
Monmouth	535,500	416,000	420,000	420,000	306,000	387,000
SOUTH DISTRICT						
Atlantic	148,000	172,000	164,500	108,000	60,000	84,000
Cumberland	344,250	396,000	480,000	450,000	324,000	408,000
Salem	322,000	305,500	276,000	364,000	285,000	368,000
Other counties	35,500	61,500	46,000	50,000	40,000	34,000
STATE	2,125,000	1,968,000	2,066,000	2,210,000	1,615,000	1,828,000

1/ Preliminary.

NEW JERSEY: MONTHLY UNLOADS OF POTATOES AT 22 U.S. CITIES, 1981-1985 1/

Crop and year	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Season totals
						-- 1,000 cwt --							
POTATOES													
1981-82	74	197	142	91	7	--	--	1	--	--	--	1	513
1982-83	15	215	193	114	62	11	--	--	4	--	--	--	614
1983-84	8	142	84	54	6	--	--	--	--	--	--	--	294
1984-85	12	157	120	85	32	4	1	3	1	--	--	--	415

1/ Arrivals at 41 U.S. cities prior to October 1, 1981.

SOURCE: Fruit & Vegetable Market News Service, C & MS, USDA

NEW JERSEY: SWEETPOTATOES, BY COUNTIES, 1979-1984

County	1979	1980	1981	1982	1983	1984 1/
			-- Acres harvested --			
SOUTH DISTRICT						
Atlantic	1,100	900	900	1,150	1,000	1,000
Camden	200	200	200	250	200	200
Cumberland	250	200	200	300	300	300
Gloucester	900	800	800	750	600	600
Salem	100	150	250	350	200	200
Other counties	150	150	150	100	100	100
STATE	2,700	2,400	2,500	2,900	2,400	2,400
			-- Yield per acre (cwt) --			
SOUTH DISTRICT						
Atlantic	120	110	110	120	100	115
Camden	90	105	110	130	90	130
Cumberland	125	125	120	100	75	120
Gloucester	115	120	110	100	85	100
Salem	130	135	110	100	85	90
Other counties	88	100	95	85	75	90
STATE	115	115	110	110	90	110
			-- Production (cwt) --			
SOUTH DISTRICT						
Atlantic	132,000	99,000	99,000	138,000	100,000	115,000
Camden	18,000	21,000	22,000	32,500	18,000	26,000
Cumberland	31,250	25,000	24,000	30,000	22,500	36,000
Gloucester	103,500	96,000	88,000	75,000	51,000	60,000
Salem	13,000	20,000	28,000	35,000	17,000	18,000
Other counties	13,250	15,000	14,000	8,500	7,500	9,000
STATE	311,000	276,000	275,000	319,000	216,000	264,000

1/ Preliminary.

NEW JERSEY: MONTHLY UNLOADS OF SWEETPOTATOES AT 22 U.S. CITIES, 1981-1985 1/

Crop and year	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Season totals
							-- 1,000 cwt --						
SWEETPOTATOES													
1981-82	1	12	20	33	17	7	8	10	9	5	5	2	129
1982-83	1	8	10	20	15	7	4	4	6	4	4	3	86
1983-84	3	4	12	19	13	8	7	5	7	4	2	2	86
1984-85	1	5	11	22	12	8	7	6	8	5	5	4	94

1/ Arrivals at 41 U.S. cities prior to October 1, 1981.

SOURCE: Fruit & Vegetable Market News Service, C & MS, USDA

NEW JERSEY: PRODUCTION, UTILIZATION AND VALUE OF POTATOES AND SWEETPOTATOES, 1978-1983 1/

Year	Production (1,000 cwt)	Total used for seed (1,000 cwt)	Used on farms where grown		Sold (1,000 cwt)	Season average price per cwt ($)	Value of	
			For seed, feed and household use (1,000 cwt)	Shrinkage and loss (1,000 cwt)			Production ($1,000)	Sales ($1,000)
				POTATOES				
1978 ...	2,091	158	8	73	2,010	3.85	8,050	7,739
1979 ...	2,125	153	9	74	2,042	4.00	8,500	8,168
1980 ...	1,968	149	8	59	1,901	8.30	16,334	15,778
1981 ...	2,066	155	8	62	1,996	7.00	14,462	13,972
1982 ...	2,210	158	8	66	2,136	5.10	11,271	10,894
1983 ...	1,615	155	8	48	1,559	8.35	13,485	13,018
				SWEETPOTATOES				
1978 ...	286	16	11	27	248	14.00	4,004	3,472
1979 ...	311	8	9	19	283	13.50	4,199	3,821
1980 ...	276	11	10	26	240	16.40	4,526	3,936
1981 ...	275	19	17	21	237	16.10	4,428	3,816
1982 ...	319	17	16	30	273	9.80	3,126	2,675
1983 ...	216	16	11	23	182	15.40	3,326	2,803

1/ Data for 1984 crop disposition not available at time of publication.

UNITED STATES PRODUCTION AND PER CAPITA CONSUMPTION OF POTATOES, 1969-1983 1/

Year	Production (million cwt)	Per capita consumption (pounds)						
		Total fresh and processed	Fresh	Processed 2/				
				Total	Canned 3/	Frozen	Chips and shoestrings	Dehydrated
1969	312.6	116.5	61.3	55.3	2.0	24.6	17.7	11.0
1970	325.7	116.3	57.3	59.0	2.0	27.7	17.6	11.7
1971	319.3	117.7	56.0	61.7	2.1	30.2	17.3	12.1
1972	296.4	118.4	56.6	61.8	2.1	30.5	16.9	12.3
1973	300.0	115.5	51.1	64.4	2.3	32.9	16.5	12.7
1974	342.4	112.8	47.4	65.4	2.3	32.7	16.0	14.4
1975	322.0	120.2	53.8	66.4	2.0	34.3	15.7	14.4
1976	357.7	114.8	50.5	64.3	1.9	36.4	16.0	10.0
1977	355.3	120.0	53.6	66.4	2.2	36.5	16.6	11.1
1978	366.3	120.1	50.8	69.3	2.2	38.8	17.0	11.3
1979	342.4	119.3	54.3	65.0	2.1	35.4	17.1	10.4
1980	303.9	117.7	56.1	61.6	1.9	33.7	16.9	9.1
1981	340.6	113.3	48.2	65.4	1.8	36.3	17.0	10.3
1982	355.1	115.4	50.1	65.2	1.8	36.2	17.4	9.8
1983	333.9	120.9	54.1	66.7	1.8	37.4	18.1	9.4

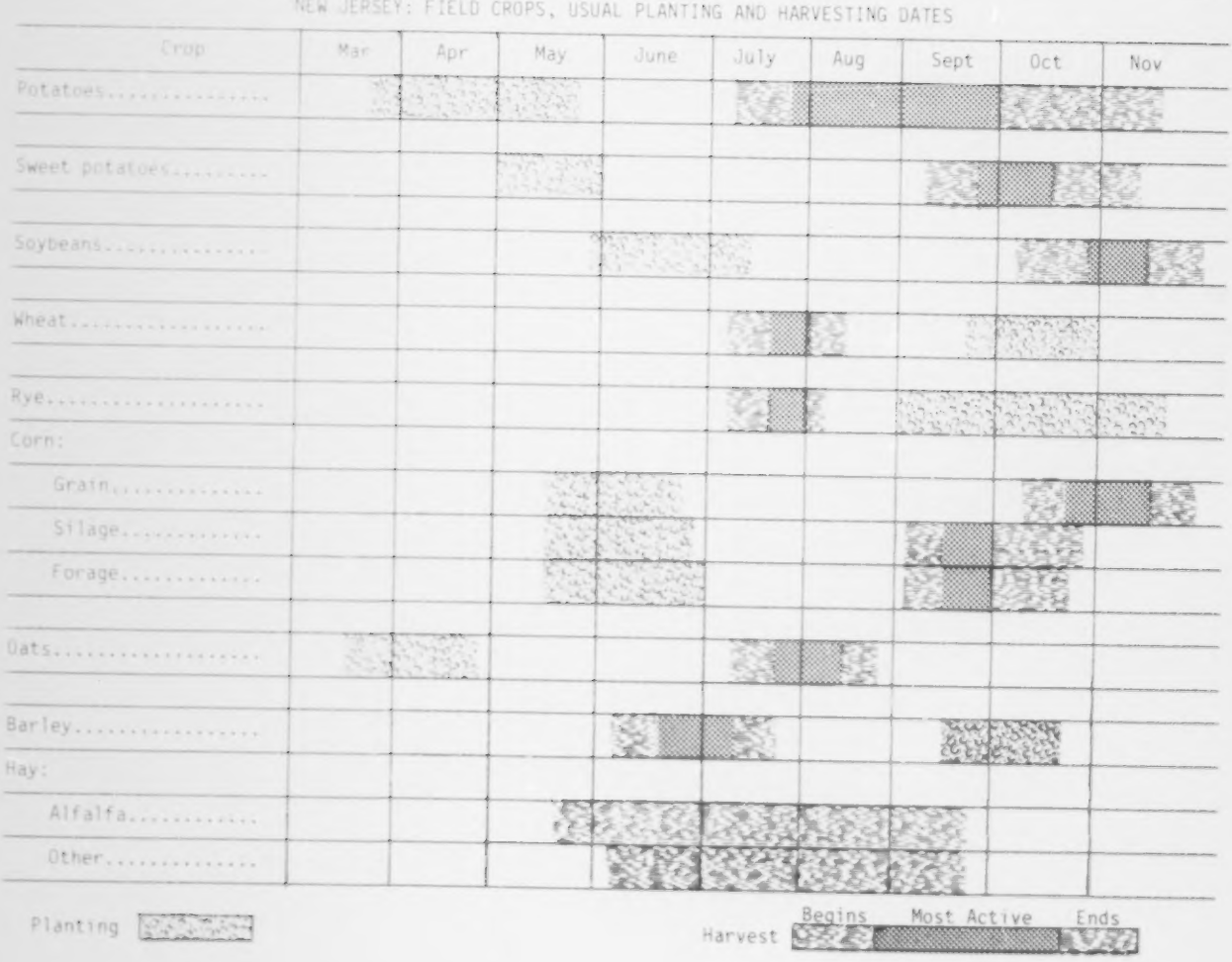
1/ Totals may not add due to rounding.
2/ Fresh-weight basis.
3/ Includes potatoes canned in soups, stews and other combinations.

SOURCE: Food Consumption Prices and Expenditures 1963-83, USDA, Economic Research Service.

NEW JERSEY: FIELD CROP WEIGHTS, MEASURES AND CONVERSION FACTORS

Crop	Unit	Approximate net weight	
		United States	Metric
		-- pounds --	-- kilograms --
Barley	Bushel	48	21.8
Corn:			
Ear, husked	Bushel	70	31.8
Shelled	Bushel	56	25.4
Hay	Square Bale	40 - 50	18.1 - 22.7
Oats	Bushel	32	14.5
Potatoes	Bag	50	22.7
Rye	Bushel	56	25.4
Soybeans	Bushel	60	27.2
Sweetpotatoes	Crate	50	22.7
Wheat	Bushel	60	27.2

NEW JERSEY: FIELD CROPS, USUAL PLANTING AND HARVESTING DATES



WEATHER SUMMARY

January — Temperatures in January averaged 3 to 5 degrees below normal. The extremes in temperatures were 63 degrees at Toms River and minus 24 at Charlotteburg. Precipitation totals for the month were below normal, with most stations receiving 1.5 to 2.5 inches. Canoe Brook received the most snow with 20.5 inches.

February — February was mild and wet with temperatures and precipitation both averaging well above normal. Temperatures averaged 6 to 7 degrees above normal with the extremes being 67 degrees at several locations and minus 7 at Newton. The highest monthly total precipitation was 6.05 inches at Toms River. The most snow occurred at Sussex where a total of 4.0 inches was recorded.

March — March was a cold and wet month. Temperatures averaged 4 to 6 degrees below normal and precipitation averaged 2 to 3 inches above normal. Tuckerton received the highest total precipitation with 9.03 inches. The greatest snowfall occurred at Charlotteburg with 25.3 inches. Temperatures ranged from a high of 66 degrees at Audubon to a low of minus 6 at Flemington.

April — Precipitation for the month was above normal with most stations receiving 1 to 2 inches above normal. The extremes ranged from 4.07 inches at Moorestown to 9.74 inches at Essex Fells. Temperatures during April were 1 to 2 degrees below normal with a high of 86 degrees at Moorestown and a low of 22 degrees at Sussex. The only measureable snow occurred at High Point where slightly under an inch was recorded.

May — Temperatures continued below normal and precipitation above normal for the third straight month. Monthly total precipitation ranged from 5.25 inches at Toms River up to 13.24 inches at Essex Fells. The greatest daily amount of precipitation was 4.30 inches at Sandy Hook. Temperature extremes ranged from 92 degrees at Woodstown to 31 degrees at several stations.

June — This month featured a reversal in the trend with temperatures above normal and precipitation below normal. Temperatures were near or above 90 degrees at most locations each day between the 6th and 14th. Precipitation was 1 to 2 inches below normal at most locations, ranging from 1.44 inches at Atlantic City to 5.30 inches at Glassboro.

July — July saw temperatures return to below normal and precipitation to above normal. Temperatures were 1 to 2 degrees below normal with the extremes being 96 degrees and 44 degrees. Precipitation totals for the month ranged from 3.55 inches at Hammonton to 12.56 at Long Valley. Most locations in the northern half of the state received between 8 and 10 inches. The heaviest 24 hour total was 3.45 inches at Morris Plains.

August — August featured the beginning of the drought as precipitation was below normal and continued below normal for many months to come. Rainfall totals were generally 2 to 3 inches below normal ranging from 1.07 at Jersey City to 4.64 at Moorestown. Temperatures were near normal in the south to above normal in the north.

September — September was a cool and dry month. Temperatures averaged about 3 degrees below normal across the entire state. Extremes were 95 degrees at Pomona and 30 degrees at Charlotteburg. Precipitation continued below normal with totals ranging from 1.31 inches at Pomona to 8.18 inches at Toms River. A heavy thunderstorm produced 6.21 inches at Toms River on the 15th.

October — October was a very warm month with temperatures averaging 4 to 6 degrees above normal across the state. Extremes ranged from 85 degrees at Pomona to 22 degrees at Charlotteburg. Precipitation was slightly below normal in the north to below normal in the south with totals ranging from 1.38 inches at Tuckerton to 4.38 inches at Canoe Brook and Essex Fells. The heaviest 24 hour total was 2.62 inches at Long Valley on the 23rd.

November — November was a cool and dry month. Temperatures averaged 1 to 2 degrees below normal with extremes of 74 degrees at Essex Fells and 12 degrees at several northern locations. Precipitation continued below normal with totals ranging from 1.56 inches at Belleplain Forest to 3.88 inches at Jersey City.

December — December was a very warm month with temperatures averaging 6 to 8 degrees above normal. Temperatures reached the 70's at many locations on the afternoon of the 29th. Precipitation totals were once again below normal with most stations receiving 2 to 3 inches of rain. The heaviest 24 hour total was 1.60 inches at Long Branch on the 6th.

Keith Arnesen
Agricultural Meteorologist

SOURCE: Department of Meteorology and Physical Oceanography, Cook College, Rutgers University.

MARCH – OCTOBER PRECIPITATION

The Weather for the 1984 growing season was fairly good. A wet spring delayed planting schedules, but by June drier weather set in and crops proceeded well. Timely precipitation throughout the remainder of the growing season and a lack of an extended heat wave resulted in generally favorable conditions. Growing season precipitation for 1984 (figure 1) was higher than the long term average (figure 2) due mainly to the wet spring. Rainfall during the crucial period of May to September (figure 3) was near normal in the south and above normal in the north.

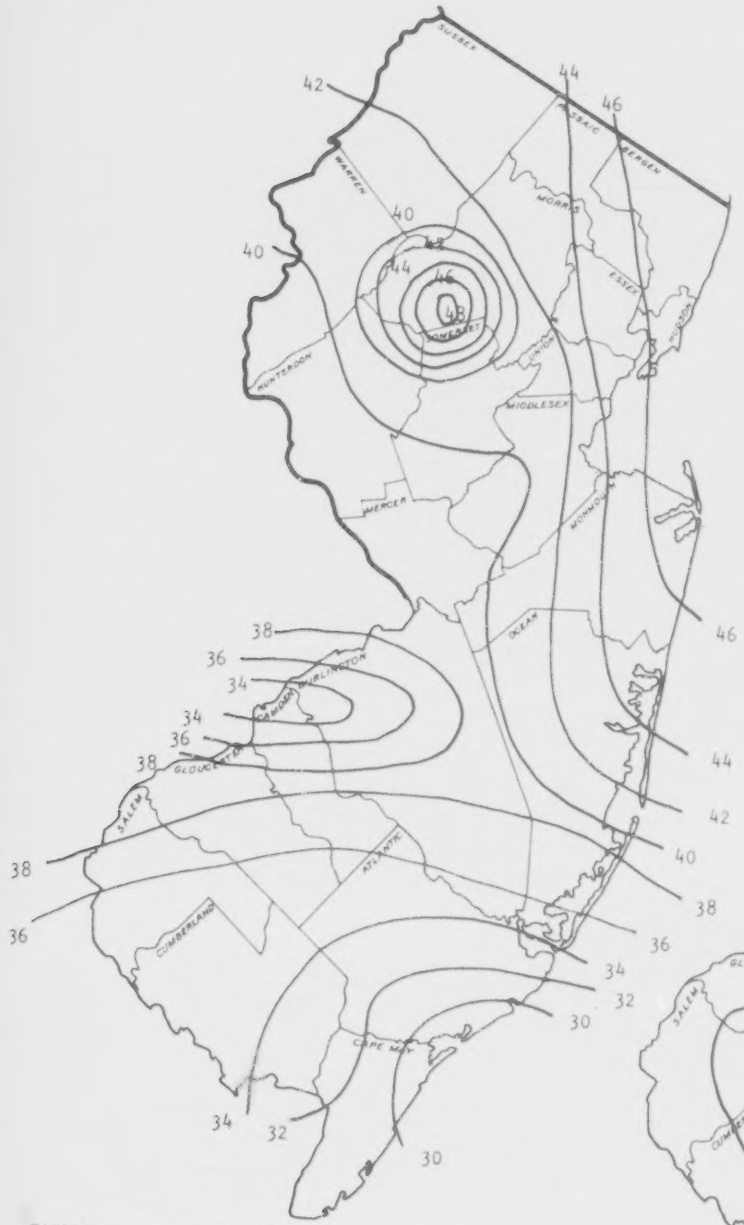


FIGURE 1. GROWING SEASON PRECIPITATION
(MARCH - OCTOBER)
1984

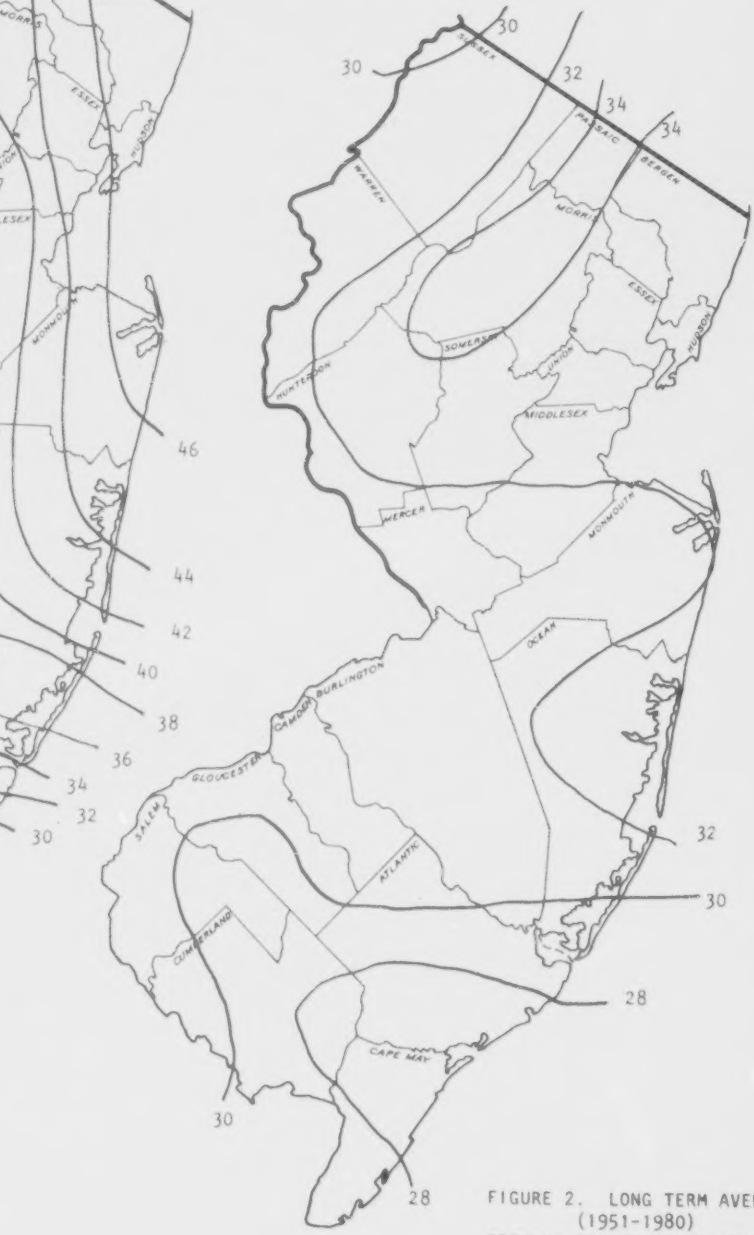


FIGURE 2. LONG TERM AVERAGE
(1951-1980)
GROWING SEASON PRECIPITATION
MARCH - OCTOBER

MAY - SEPTEMBER PRECIPITATION

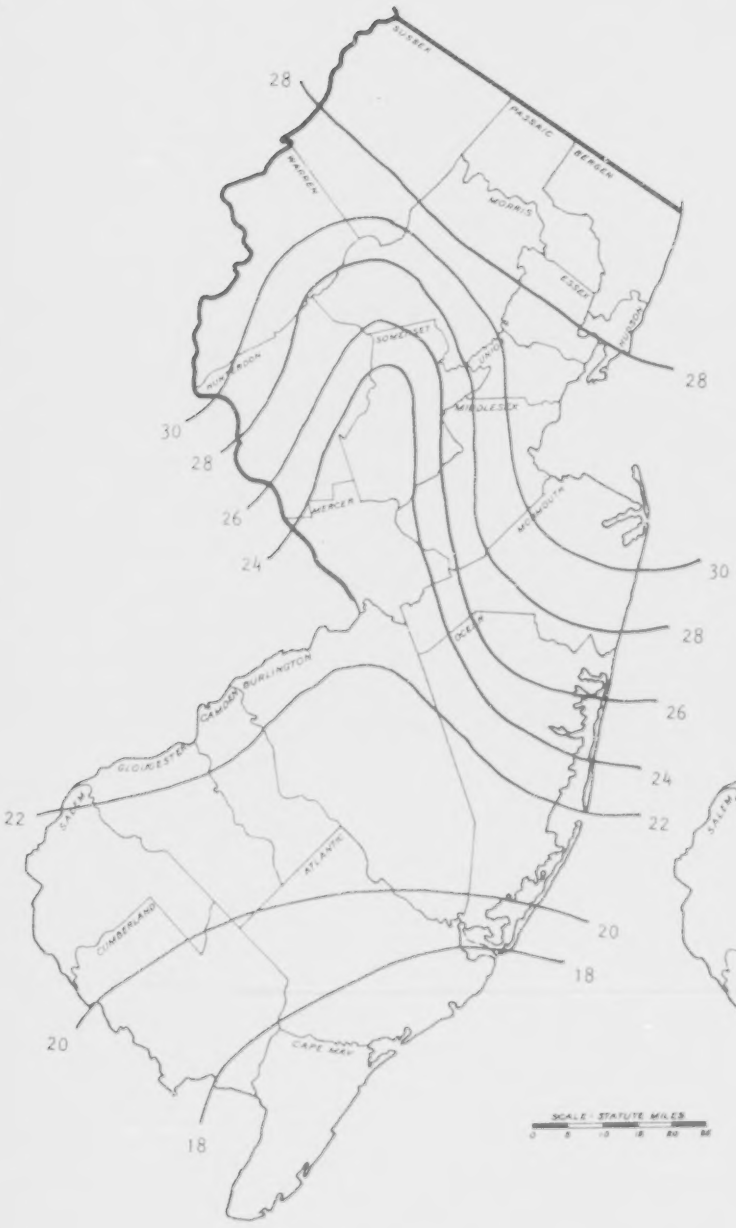


FIGURE 3. MAY - SEPTEMBER PRECIPITATION 1984

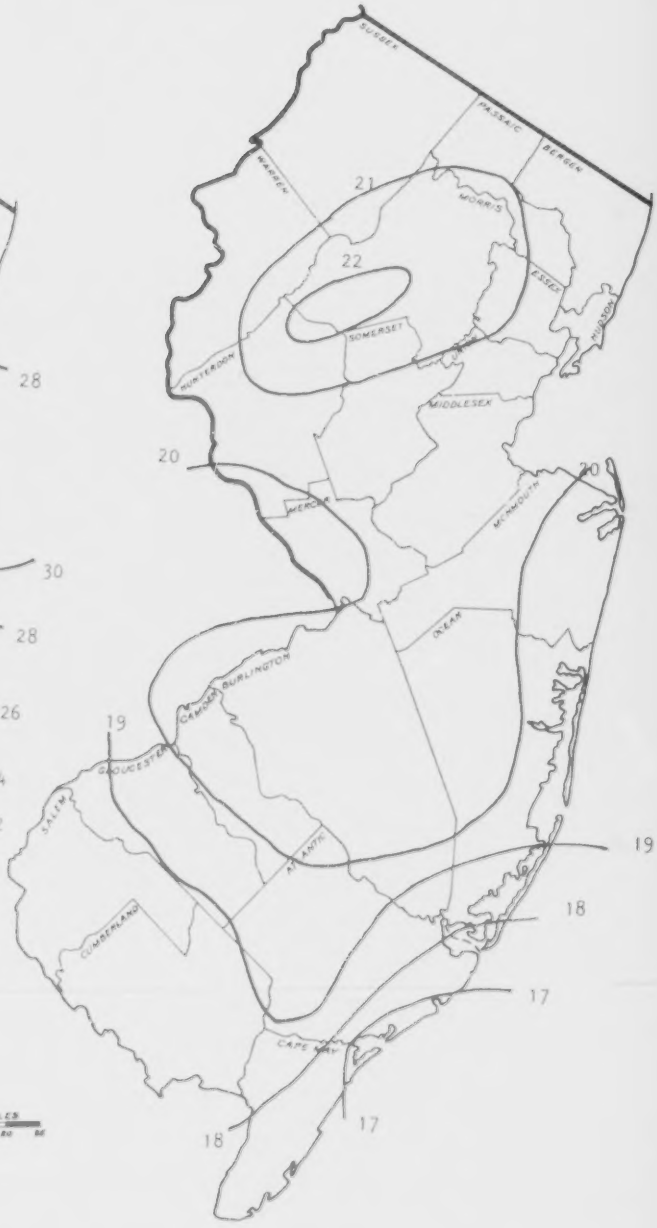


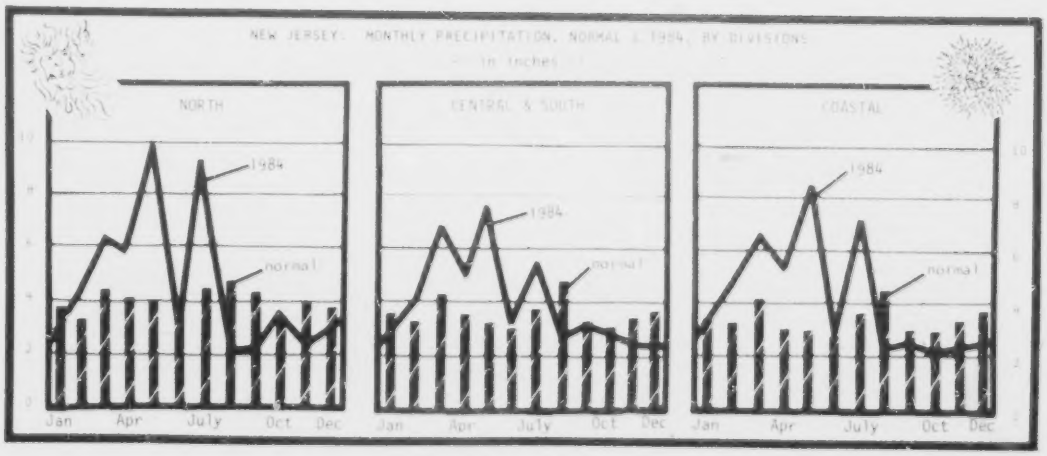
FIGURE 4. LONG TERM AVERAGE (1951 - 1980) MAY - SEPTEMBER PRECIPITATION

NEW JERSEY: TOTAL MONTHLY AND ANNUAL PRECIPITATION AT SELECTED STATIONS AND BY STATE DIVISIONS, 1984

Division and station	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total	Normal
							-- inches --							
NORTH DIVISION	2.09	4.06	6.05	5.83	9.99	3.37	9.42	2.01	2.05	3.59	2.68	3.40	54.54	46.94
Essex, Newark	2.78	4.57	6.96	6.36	10.22	4.77	8.65	1.74	2.46	3.93	2.88	3.69	59.01	42.34
Canoe Brook	2.39	3.44	6.97	6.22	10.71	2.74	9.68	1.32	1.88	4.38	3.25	3.52	56.50	48.62
Hunterdon, Lambertville	2.22	3.79	6.74	4.39	7.57	3.18	8.04	1.27	1.85	2.47	2.07	3.06	46.65	44.13
Flemington	2.76	3.89	6.66	4.86	9.14	1.85	M	M	M	3.90	1.93	3.80	---	---
Morris, Boonton	1.99	4.22	6.49	5.82	9.93	2.90	10.54	1.68	2.55	3.56	2.35	3.12	55.15	47.85
Morris Plains	2.26	4.77	6.59	6.61	10.42	3.37	11.53	1.72	2.40	4.11	2.57	3.44	59.79	49.92
Passaic, Little Falls	2.15	4.48	7.35	7.57	10.84	3.12	9.08	1.20	2.07	3.53	2.85	3.25	57.49	49.40
Somerset, Somerville	2.35	3.53	6.35	4.51	9.64	3.34	8.21	1.45	1.42	4.51	2.46	3.18	50.95	45.36
Sussex, Newton	1.60	4.04	4.66	4.66	8.74	4.01	10.37	3.49	2.54	2.60	2.04	2.95	51.70	44.03
Sussex	1.98	4.40	4.48	4.81	10.58	2.33	9.50	2.49	1.71	1.87	2.42	3.53	M50.10	---
Union, Plainfield	2.29	3.49	M5.21	4.81	9.27	3.68	8.95	1.94	2.01	4.15	3.60	3.43	M52.83	---
Warren, Belvidere	1.35	2.90	4.90	4.37	10.19	2.24	9.85	2.85	1.46	3.58	1.78	3.15	48.62	---
CENTRAL & SOUTH DIVISION	2.15	4.00	6.70	5.02	7.42	3.59	5.54	2.69	2.90	2.71	2.33	2.25	47.30	44.58
Atlantic, Hammonton	2.20	4.93	M	4.68	M4.73	7.30	3.55	2.25	4.30	1.90	2.82	2.07	---	---
Atlantic City, Airport	2.41	3.70	5.92	4.84	6.58	1.62	4.35	2.44	1.31	1.46	3.02	1.79	39.44	41.93
Burlington, Indian Mills	2.36	3.95	7.39	4.51	6.91	4.56	3.56	2.43	2.58	2.83	2.66	2.11	45.85	45.01
Pemberton	1.93	3.84	7.47	4.84	8.41	2.31	4.55	3.39	2.64	3.45	3.08	2.56	48.47	45.79
Camden, Audubon	1.82	2.62	5.09	5.19	6.88	3.71	5.32	.73	2.25	3.54	1.80	2.31	41.26	45.35
Cape May, Belleplain	2.48	3.07	6.05	5.19	7.47	2.62	3.83	2.78	1.34	3.26	1.56	1.74	41.39	45.22
Cumberland, Millville	2.13	5.17	6.56	6.36	6.25	3.81	3.89	2.62	3.15	2.40	2.22	1.50	46.06	42.95
Shiloh	1.88	2.34	4.16	M	6.90	3.10	3.97	3.55	2.44	2.84	1.84	1.60	---	---
Gloucester, Glassboro	2.23	4.29	6.86	4.94	5.69	5.30	6.72	1.70	1.89	3.60	1.96	2.17	47.35	44.84
Mercer, Hightstown	2.02	2.89	6.51	4.29	8.87	2.58	8.63	1.51	2.66	2.21	2.46	2.92	47.55	44.39
Middlesex, New Brunswick	2.19	3.66	6.51	4.79	9.38	2.10	9.65	3.24	2.75	2.39	2.86	3.22	52.74	45.50
Monmouth, Freehold	M	4.41	7.65	4.99	11.13	2.01	8.20	2.95	2.74	2.24	2.32	2.38	---	---
Ocean, Toms River	M1.68	6.05	8.22	5.13	5.25	3.94	5.37	4.31	8.18	2.74	2.51	3.23	M56.61	---
Salem, Woodstown	M1.72	3.68	M6.88	5.19	6.22	5.78	8.04	1.22	2.14	3.95	1.80	2.02	M48.64	---
COASTAL DIVISION	2.51	4.60	6.50	5.32	8.32	2.74	6.89	2.02	2.44	2.08	2.18	2.35	47.95	42.65
Atlantic City R	2.38	4.32	6.50	4.46	6.01	1.44	4.24	1.03	2.08	1.53	2.28	1.53	37.80	40.06
Cape May	3.06	3.64	7.04	5.29	8.02	2.20	3.89	2.60	1.25	2.73	2.44	1.61	43.77	41.80
Long Branch	M1.37	5.78	M6.72	5.87	8.20	3.39	10.69	1.48	4.28	M3.01	M	3.13	---	---
DIVISIONS							-- departure from normal (inches) --							
North	-1.36	1.00	1.82	1.79	6.17	-0.37	5.19	-2.76	-2.08	0.00	-1.31	-0.45	7.60	---
Central and South	-1.26	0.85	2.59	1.42	3.94	0.20	1.21	-2.07	-0.62	-0.64	-1.34	-1.56	2.72	---
Coastal	-0.89	1.31	2.43	1.93	5.00	-0.29	3.17	-2.59	-0.80	-1.11	-1.36	-1.50	5.30	---

M - Insufficient or partial data; total is entered if less than 10 days values are missing. M appears alone if 10 or more daily values are missing.
R - Amounts from recording rain gauge.
--- No record. Data not recorded, determined unreliable by quality control checks, or not received in time for publication.

SOURCE: NOAA Weather Bureau.



NEW JERSEY: AVERAGE MONTHLY AND ANNUAL TEMPERATURES AT SELECTED STATIONS AND BY STATE DIVISIONS, 1984

Division and station	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual Average	Normal
							-- degrees --							
NORTH DIVISION	23.7	35.8	32.9	48.3	58.5	70.5	71.6	72.6	61.0	57.0	42.1	37.6	51.0	51.0
Essex, Newark	27.8	40.8	36.5	52.7	62.2	75.0	76.6	77.3	65.4	62.3	45.3	40.8	55.2	54.2
Canoe Brook	23.1	35.0	33.1	48.5	57.8	70.3	71.8	73.7	62.3	57.3	43.1	38.1	51.2	50.6
Hunterdon, Lambertville	26.4	39.0	36.4	50.2	60.8	72.8	74.5	75.2	64.3	60.5	44.4	40.4	53.7	53.1
Flemington	23.8	36.8	33.7	48.4	59.3	70.4	M	M	M	58.2	41.6	38.6	M	---
Morris, Boonton	23.1	35.2	33.6	48.9	58.4	70.0	71.5	72.8	61.7	56.8	42.9	37.9	51.1	50.3
Morris Plains	24.6	35.8	33.4	48.6	58.0	69.9	70.7	72.2	60.8	56.7	42.6	38.3	51.0	50.3
Passaic, Little Falls	24.8	36.0	33.3	49.0	59.1	71.6	72.4	74.7	62.4	57.5	43.8	39.2	52.0	52.4
Somerset, Somerville	23.2	35.5	32.7	48.3	58.7	70.1	71.5	72.1	61.3	57.3	42.5	38.0	50.9	51.6
Sussex, Newton	20.1	M32.4	29.8	46.2	55.6	67.6	69.1	70.2	58.3	54.1	39.3	34.5	M48.1	48.4
Sussex	20.5	32.7	30.6	46.6	56.2	67.8	69.4	70.7	58.3	54.5	39.4	35.0	48.5	48.1
Union, Plainfield	M26.5	38.2	35.7	49.9	60.7	72.8	73.5	75.1	64.6	59.8	M44.2	M39.5	M53.4	52.9
Warren, Belvidere	23.2	36.0	32.4	48.1	57.1	68.9	70.2	71.6	59.5	56.0	41.0	35.5	50.0	---
CENTRAL & SOUTH DIVISION	27.6	39.7	36.4	50.2	61.1	72.6	74.0	74.8	64.4	60.9	44.8	42.5	54.1	53.6
Atlantic, Hammonton	27.8	39.5	M	50.4	M61.3	70.1	74.1	75.0	64.3	59.6	44.4	43.1	M	---
Atlantic City, Airport	28.0	40.1	36.6	49.7	60.7	73.6	75.3	77.1	65.9	62.3	44.6	44.0	54.8	53.1
Burlington, Indian Mills	26.7	40.1	36.6	50.0	61.0	72.6	74.2	74.7	63.7	61.1	44.7	42.3	54.0	52.8
Pemberton	26.9	40.3	36.6	49.3	60.1	71.4	72.9	73.8	63.7	60.4	44.3	41.8	53.5	53.3
Camden, Audubon	28.3	41.1	37.5	51.9	61.7	73.5	74.5	76.5	65.5	62.1	46.2	43.1	55.2	---
Cape May, Belleplain	29.2	40.4	37.8	49.9	61.6	71.8	72.9	73.7	64.1	62.8	46.0	43.5	54.5	54.3
Cumberland, Millville	M29.3	40.0	37.6	51.4	61.5	73.1	74.8	75.5	64.6	62.0	44.8	43.8	M54.9	54.1
Shiloh	28.6	M	37.9	M	62.6	73.5	75.3	M	66.1	62.9	45.8	44.1	M	---
Gloucester, Glassboro	26.8	39.7	35.9	50.3	60.9	72.7	74.1	75.2	65.3	60.8	44.6	41.8	54.0	53.9
Mercer, Hightstown	25.7	38.5	34.6	48.9	60.1	71.7	72.9	73.4	62.6	59.0	44.3	40.7	52.7	52.8
Middlesex, New Brunswick	25.6	37.5	34.1	48.8	59.8	71.8	72.7	73.8	62.8	58.6	44.3	40.3	52.5	52.8
Monmouth, Freehold	M	39.1	34.5	49.5	60.0	71.9	73.0	73.8	63.3	59.1	45.0	M41.3	M	---
Ocean, Toms River	27.7	38.4	35.1	48.9	60.6	72.6	73.6	73.2	62.8	58.8	44.4	41.3	53.1	---
Salem, Woodstown	27.3	40.9	37.6	51.9	62.9	74.1	74.7	75.8	65.6	62.0	45.3	42.7	55.1	---
COASTAL DIVISION	29.5	39.3	36.9	49.5	59.3	70.9	72.4	74.9	66.0	61.1	47.2	44.7	54.3	54.0
Atlantic City	30.4	41.3	39.6	51.1	60.7	72.8	73.4	77.4	67.4	62.8	47.6	47.2	56.0	54.1
Cape May	30.6	40.2	38.4	50.5	60.2	71.2	72.5	75.6	66.5	62.1	46.0	45.5	54.9	55.1
Long Branch	27.2	36.9	34.2	M46.9	M55.8	67.0	69.3	M70.7	62.9	58.0	M	M41.9	M	---
DIVISIONS							-- departure from normal (degrees) --							
North	-4.2	6.2	-5.5	-1.4	-0.9	2.1	-1.6	0.9	-3.5	3.5	-1.1	5.5	0.0	---
Central and South	-3.9	6.6	-5.0	-1.6	-0.4	2.2	-1.1	0.9	-2.8	4.9	-1.1	6.9	0.5	---
Coastal	-3.7	5.0	-4.3	-1.4	-0.7	1.8	-2.2	0.9	-2.1	3.3	-0.5	7.0	0.3	---

M - Insufficient or partial data; total is entered if less than 10 days values are missing. M appears alone if 10 or more daily values are missing.
--- No record. Data not recorded, determined unreliable, or not received in time for publication.
SOURCE: NOAA Weather Bureau.

NEW JERSEY: AVERAGE FREEZE DATES, SELECTED STATIONS 1/

County	Station	Years of record 2/	Average dates of last occurrence in spring of:			Average dates of first occurrence in fall of:			Average number of days between dates for 32°
			32°	28°	24°	32°	28°	24°	
Atlantic	Hammonton	28	Apr 21	Apr 6	Mar 21	Oct 16	Oct 31	Nov 17	178
Burlington	Pemberton	30	Apr 24	Apr 8	Mar 23	Oct 15	Oct 29	Nov 15	174
Cape May	Cape May	19	Mar 31	Mar 19	Mar 5	Nov 17	Nov 30	Dec 9	231
Cumberland	Shiloh	27	Apr 15	Mar 30	Mar 19	Oct 25	Nov 9	Nov 25	193
Gloucester	Clayton	10	Apr 12	Mar 25	Mar 20	Oct 29	Nov 7	Nov 14	200
Hunterdon	Flemington	30	Apr 29	Apr 16	Mar 30	Oct 13	Oct 23	Nov 9	167
Mercer	Trenton	30	Apr 4	Mar 26	Mar 14	Nov 8	Nov 21	Nov 30	218
Middlesex	New Brunswick	30	Apr 18	Apr 4	Mar 21	Oct 19	Nov 3	Nov 18	184
Monmouth	Freehold	29	Apr 23	Apr 7	Mar 24	Oct 18	Nov 2	Nov 17	178
Morris	Boonton	30	Apr 28	Apr 13	Mar 26	Oct 9	Oct 22	Nov 7	164
Sussex	Sussex	28	May 6	Apr 23	Apr 1	Oct 5	Oct 17	Oct 30	152
Warren	Belvidere	30	Apr 26	Apr 12	Mar 23	Oct 13	Oct 27	Nov 14	170

1/ For the period 1931-1960 or that portion of this period for which data are available.
2/ Minimum number of years included in spring or fall averages.
SOURCE: U.S. Department of Commerce, Climate of the States, New Jersey, revised March 1967.

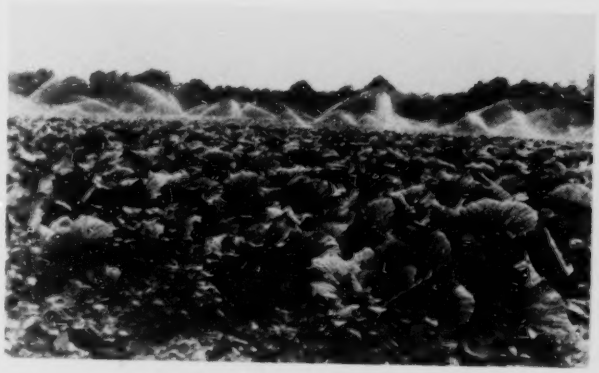
VEGETABLE CROP SUMMARY

Principal fresh market and processing vegetable crops in the Garden State were valued at $82.7 million in 1984, up 3 percent from 1983. The eleven fresh market vegetables were valued at $67.9 million compared to $72.2 million in 1983. Principal vegetables for processing were valued at $12.3 million. Other vegetables in the program were not published separately to avoid disclosing individual operations. Those vegetables were valued at $2.4 million.

Fresh market vegetables gross value per acre averaged $1,537 in 1984 compared to $1,771 in 1983. Processing vegetables grossed $961 per acre in 1984 and $754 per acre in 1983. Area harvested for the principal fresh market and processing vegetables in 1984 amounted to 59,540 acres, 16 percent above the 51,400 acres harvested in 1983 and 1 percent more than 1982. Combined production for both fresh market and processing crops was 352.0 thousand tons, 26 percent above 1983 and 4 percent below 1982.

In New Jersey, 12,500 acres of sweet corn were harvested in 1984. This was an increase of 4 percent from 1983. Production during 1984 amounted to 1,000,000 hundredweight compared to 840,000 hundredweight the previous year. Yield per acre averaged 80 hundredweight compared to 70 hundredweight in 1983. During 1984, the price for sweet corn averaged $11.30 per hundredweight, down $2.10 from 1983. The 1984 value of production was $11.3 million, virtually the same as 1983.

During 1984, Garden State producers harvested 2,800 acres of lettuce, 3 percent less than the 2,900 acres harvested in 1983. Production totaled 444,000 hundredweight compared to 1983's production of 484,000 hundredweight. This was the result of less acreage harvested and poorer yields per acre.



Prices for lettuce were down from the previous year. This, combined with lower production, resulted in a 12 percent decrease of value of production from 1983 to $6.2 million.

New Jersey fresh market tomato harvest totaled 6,000 acres in 1984, up 300 acres from the previous year. Yield averaged 95 hundredweight per acre, unchanged from 1983. Production amounted to 570,000 hundredweight, up 5 percent from a year earlier. Prices averaged $24.10 per hundredweight compared to $23.10 per hundredweight the previous year. Value of production, at $13.7 million, increased 10 percent from 1983.

Ranking fresh market vegetable crops by value of production indicated tomatoes were first with $13.7 million. Sweet corn ranked second with $11.3 million. Peppers were third at $8.8 million. Lettuce ranked fourth with $6.2 million. Snap beans ranked fifth with $5.8 million.

NEW JERSEY: VEGETABLE CROPS, 1979-1984

Year	Acres harvested	Yield per acre (cwt)	Production (1,000 cwt)	Season average price per cwt ($)	Value	
					Total ($1,000)	Per acre ($)
ASPARAGUS, Jan - June, fresh market and processing						
1979	1,600	17	27	81.60	2,203	1,377
1980	1,500	15	23	85.30	1,962	1,308
1981	1,800	19	34	78.50	2,669	1,483
1982	1,900	21	40	82.40	3,296	1,735
1983	1,900	17	32	79.60	2,547	1,341
1984	2,000	15	30	70.90	2,127	1,064
CABBAGE, Jan - June, fresh market						
1979	600	250	150	9.40	1,410	2,350
1980	700	220	154	12.50	1,925	2,750
1981	700	220	154	6.76	1,041	1,487
1982	500	240	120	13.40	1,608	3,216
1983	400	250	100	11.00	1,100	2,750
1984	500	230	115	8.20	943	1,886
CABBAGE, July - Dec, fresh market						
1979	3,500	182	636	6.47	4,114	1,175
1980	3,100	210	651	9.56	6,222	2,007
1981	2,700	260	702	6.89	4,837	1,791
1982	2,700	270	729	7.50	5,468	2,025
1983	2,800	245	686	12.00	8,232	2,940
1984	2,900	225	653	7.45	4,865	1,678
CUCUMBERS, July - Dec, fresh market						
1979	1,700	140	238	15.00	3,570	2,100
1980	1,700	150	255	15.70	4,004	2,355
1981	1,700	155	264	14.70	3,881	2,283
1982	1,800	160	288	17.10	4,925	2,736
1983	1,700	150	255	15.50	3,953	2,325
1984	2,000	160	320	15.90	5,088	2,544
EGGPLANT, July - Dec, fresh market						
1979	1,000	145	145	17.80	2,581	2,581
1980	1,000	150	150	14.10	2,115	2,115
1981	1,100	190	209	15.10	3,156	2,869
1982	1,100	180	198	13.60	2,693	2,448
1983	1,000	150	150	16.30	2,445	2,445
1984	900	175	158	17.50	2,765	3,072
ESCAROLE, Jan - June, fresh market						
1979	310	180	56	25.50	1,428	4,606
1980	290	190	55	18.10	996	3,434
1981	450	200	90	17.20	1,548	3,440
1982	300	150	45	24.00	1,080	3,600
1983	250	195	49	28.40	1,392	5,568
1984	250	150	38	20.00	760	3,040
ESCAROLE, July - Dec, fresh market						
1979	690	180	124	17.20	2,133	3,091
1980	660	185	122	17.30	2,111	3,198
1981	700	190	133	19.30	2,567	3,667
1982	650	185	120	15.00	1,800	2,769
1983	650	165	107	23.00	2,461	3,786
1984	550	185	102	17.70	1,805	3,282

NEW JERSEY: VEGETABLE CROPS, 1979-1984

Year	Acres harvested	Yield per acre (cwt)	Production (1,000 cwt)	Season average price per cwt ($)	Value	
					Total ($1,000)	Per acre ($)
LETTUCE, Jan - June, fresh market						
1979	1,400	165	231	9.89	2,285	1,632
1980	1,300	185	241	9.66	2,328	1,791
1981	1,200	195	234	10.30	2,410	2,008
1982	1,600	150	240	11.30	2,712	1,695
1983	1,600	140	224	17.40	3,898	2,436
1984	1,500	135	203	12.20	2,477	1,651
LETTUCE, July - Dec, fresh market						
1979	1,300	191	248	10.10	2,504	1,926
1980	1,300	210	273	9.65	2,635	2,027
1981	1,700	240	408	12.10	4,937	2,904
1982	1,300	260	338	10.50	3,549	2,730
1983	1,300	200	260	12.30	3,198	2,460
1984	1,300	185	241	15.50	3,736	2,874
PEPPERS, July - Dec, fresh market and processing						
1979	8,100	54	440	17.10	7,539	931
1980	6,700	71	475	16.40	7,792	1,163
1981	6,500	65	423	18.20	7,685	1,182
1982	6,100	75	458	21.50	9,847	1,614
1983	6,100	72	439	22.00	9,658	1,583
1984	6,100	75	458	19.20	8,794	1,442
SNAP BEANS, Jan - June, fresh market						
1979	500	34	17	25.30	430	860
1980	900	40	36	28.10	1,012	1,124
1981	1,000	40	40	21.80	872	872
1982	800	38	30	33.20	996	1,245
1983	600	45	27	21.20	572	953
1984	800	35	28	41.60	1,165	1,456
SNAP BEANS, July - Dec, fresh market						
1979	5,000	35	176	25.20	4,428	886
1980	5,800	30	176	21.80	3,841	662
1981	3,800	52	198	26.70	5,287	1,391
1982	4,400	45	198	22.90	4,534	1,030
1983	2,600	39	101	31.00	3,131	1,204
1984	4,600	45	207	22.60	4,678	1,017
SPINACH, Jan - June, Fresh market						
1979	700	70	49	30.20	1,480	2,114
1980	700	77	54	24.10	1,301	1,859
1981	1,200	70	84	18.90	1,588	1,323
1982	1,200	72	86	27.80	2,391	1,993
1983	1,400	72	101	37.90	3,828	2,734
1984	1,550	70	109	21.30	2,322	1,498
SPINACH, July - Dec, fresh market						
1979	500	65	33	43.40	1,432	2,864
1980	600	74	44	27.60	1,214	2,023
1981	700	75	53	29.20	1,548	2,211
1982	700	90	63	23.40	1,474	2,106
1983	800	80	64	32.00	2,048	2,560
1984	750	78	59	23.40	1,381	1,841

NEW JERSEY: VEGETABLE CROPS, 1979-1984

Year	Acres harvested	Yield per acre (cwt)	Production (1,000 cwt)	Season average price per cwt ($)	Value	
					Total ($1,000)	Per acre ($)
			SWEET CORN, July - Dec, fresh market			
1979	11,000	70	770	10.30	7,931	721
1980	10,500	73	767	12.10	9,281	884
1981	11,500	78	897	12.40	11,123	967
1982	12,500	74	925	12.30	11,378	910
1983	12,000	70	840	13.40	11,256	938
1984	12,500	80	1,000	11.30	11,300	904
			TOMATOES, July - Dec, fresh market			
1979	6,600	80	528	27.60	14,573	2,208
1980	6,500	83	540	17.90	9,666	1,487
1981	6,600	105	693	29.70	20,582	3,118
1982	6,600	120	792	31.80	25,186	3,816
1983	5,700	95	542	23.10	12,520	2,196
1984	6,000	95	570	24.10	13,737	2,290
			SNAP BEANS, for processing 1/			
1979	6,800	2.12	14,420	172.00	2,480	365
1980	6,400	2.64	16,900	191.00	3,228	504
1981	7,400	2.77	20,500	205.00	4,203	568
1982	9,300	2.66	24,740	202.00	4,997	537
1983	6,200	1.82	11,280	200.00	2,256	364
1984	8,000	2.81	22,480	202.00	4,541	568
			TOMATOES, for processing 1/			
1979	7,000	14.00	98,000	70.20	6,880	983
1980	5,400	11.48	61,990	74.20	4,600	852
1981	5,400	17.96	96,980	86.60	8,398	1,555
1982	5,600	19.07	106,790	87.40	9,333	1,667
1983	4,400	15.70	69,080	83.00	5,734	1,303
1984	4,000	19.66	78,640	80.40	6,323	1,581
			CUCUMBERS, for processing 1/			
1979	1,400	6.86	9,600	154.00	1,478	1,056
1980	1,400	8.00	11,200	167.00	1,870	1,336
1981	1,100	9.51	10,460	165.00	1,726	1,569
1982 2/	---	---	---	---	---	---
1983 2/	---	---	---	---	---	---
1984	840	9.45	7,940	185.00	1,469	1,749

1/ Yield per acre, production and season average price are in tons.
2/ Estimates discontinued.

NEW JERSEY: MUSHROOM, AREA, PRODUCTION AND VALUE, 1978-1985 1/

Year	Area in production (1,000 sq ft)				Production (1,000 lbs)	Price per pound ($)	Value of production ($1,000)
	First filling	Second filling	Additional filling	Total			
1978-79	167	121	53	341	699	65.2	456
1979-80	132	90	64	286	613	53.7	329
1980-81	133	119	46	298	691	62.1	429
1981-82	146	82	2	230	586	50.2	294
1982-83	101	79	16	196	586	62.8	368
1983-84	101	86	28	215	592	60.6	359
1984-85 2/	---	---	---	---	---	---	---

1/ Production estimated on a fiscal year, July 1 through June 30.
2/ No longer published to avoid disclosure of individual operations.

NEW JERSEY: TOMATOES, ACRES HARVESTED FOR FRESH MARKET AND PROCESSING, BY COUNTIES, 1979-1984

County	1979	1980	1981	1982	1983	1984 1/
			-- Fresh market --			
NORTH DISTRICT						
Bergen	100	100	100	100	100	100
Hunterdon	400	300	150	250	200	200
Morris	100	100	100	150	150	100
Sussex	150	200	200	200	250	200
CENTRAL DISTRICT						
Burlington	300	400	400	450	400	400
Middlesex	200	200	100	150	150	100
Monmouth	900	1,000	600	550	500	600
Ocean	100	100	100	100	100	100
SOUTH DISTRICT						
Atlantic	400	300	150	400	350	500
Cumberland	200	400	600	450	400	500
Gloucester	2,200	1,700	2,300	2,100	1,700	1,700
Salem	1,100	1,000	1,200	1,000	800	900
Other counties	450	700	600	700	600	600
STATE	6,600	6,500	6,600	6,600	5,700	6,000
			-- Processing --			
CENTRAL DISTRICT						
Burlington	400	200	200	250	250	200
SOUTH DISTRICT						
Atlantic	300	300	350	300	350	300
Cumberland	1,600	900	900	950	1,000	900
Gloucester	1,700	1,700	1,400	1,500	1,100	1,000
Salem	2,700	2,200	2,400	2,500	1,600	1,500
Other counties	300	100	150	100	100	100
STATE	7,000	5,400	5,400	5,600	4,400	4,000
			-- Total --			
NORTH DISTRICT						
Bergen	100	100	100	100	100	100
Hunterdon	400	300	150	250	200	200
Morris	100	100	100	150	150	100
Sussex	150	200	200	200	250	200
CENTRAL DISTRICT						
Burlington	700	600	600	700	650	600
Middlesex	200	200	100	150	150	100
Monmouth	900	1,000	600	550	500	600
Ocean	100	100	100	100	100	100
SOUTH DISTRICT						
Atlantic	700	600	500	700	700	800
Camden	400	400	400	450	400	500
Cumberland	1,800	1,300	1,500	1,400	1,400	1,400
Gloucester	3,900	3,400	3,700	3,600	2,800	2,700
Salem	3,800	3,200	3,600	3,500	2,400	2,400
Other counties	350	400	350	350	300	200
STATE	13,600	11,900	12,000	12,200	10,100	10,000

1/ Preliminary.

NEW JERSEY: ASPARAGUS, ACRES HARVESTED FOR FRESH MARKET AND PROCESSING, BY COUNTIES, 1979-1984

County	1979	1980	1981	1982	1983	1984 1/
CENTRAL DISTRICT						
Burlington	---	---	150	150	200	250
SOUTH DISTRICT						
Camden	---	---	100	100	100	100
Cumberland	200	200	200	250	300	350
Gloucester	700	700	700	700	650	650
Salem	600	500	500	500	500	500
Other counties	100	100	150	200	150	150
STATE	1,600	1,500	1,800	1,900	1,900	2,000

1/ Preliminary.

NEW JERSEY: CABBAGE, ACRES HARVESTED FOR FRESH MARKET, BY COUNTIES, 1979-1984

County	1979	1980	1981	1982	1983	1984 1/
NORTH DISTRICT						
Warren	500	150	100	150	100	100
CENTRAL DISTRICT						
Burlington	250	200	100	150	150	150
Middlesex	400	200	100	150	100	100
Monmouth	750	550	400	500	400	400
SOUTH DISTRICT						
Atlantic	450	550	550	500	650	700
Cumberland	750	1,100	1,200	1,000	1,000	1,100
Gloucester	250	300	300	200	350	350
Salem	300	400	250	250	200	200
Other counties	450	350	400	300	250	300
STATE	4,100	3,800	3,400	3,200	3,200	3,400

1/ Preliminary.

NEW JERSEY: LETTUCE, ACRES HARVESTED FOR FRESH MARKET, BY COUNTIES, 1979-1984

County	1979	1980	1981	1982	1983	1984 1/
NORTH DISTRICT						
Warren	150	150	150	150	150	150
CENTRAL DISTRICT						
Monmouth	100	100	100	100	100	100
SOUTH DISTRICT						
Atlantic	300	300	300	300	300	300
Cumberland	1,900	1,800	2,000	1,950	1,900	1,800
Gloucester	100	100	150	150	200	200
Salem	---	---	100	150	150	150
Other counties	150	150	100	100	100	100
STATE	2,700	2,600	2,900	2,900	2,900	2,800

1/ Preliminary.

NEW JERSEY: SWEET CORN, ACRES HARVESTED FOR FRESH MARKET, BY COUNTIES, 1979-1984

County	1979	1980	1981	1982	1983	1984 1/
NORTH DISTRICT						
Bergen	100	100	100	100	100	100
Essex	100	100	100	100	100	100
Hunterdon	300	200	400	400	400	400
Morris	400	400	400	600	500	500
Somserset	200	200	200	300	200	200
Sussex	500	500	500	600	900	900
Warren	800	700	800	700	600	700
CENTRAL DISTRICT						
Burlington	3,000	2,900	2,900	3,000	3,200	3,300
Mercer	300	300	400	300	300	300
Middlesex	200	300	300	300	200	200
Monmouth	1,200	1,000	1,100	1,500	1,400	1,500
Ocean	500	300	500	300	200	200
SOUTH DISTRICT						
Atlantic	600	600	700	700	600	600
Camden	700	700	700	900	800	800
Cape May	400	400	400	500	400	400
Cumberland	400	500	500	400	600	700
Gloucester	900	800	900	800	900	900
Salem	400	500	600	1,000	600	700
STATE	11,000	10,500	11,500	12,500	12,000	12,500

1/ Preliminary.

NEW JERSEY: PEPPERS, ACRES HARVESTED FOR FRESH MARKET, BY COUNTIES, 1979-1984

County	1979	1980	1981	1982	1983	1984 1/
CENTRAL DISTRICT						
Burlington	150	100	100	100	100	100
Monmouth	400	300	450	300	250	200
SOUTH DISTRICT						
Atlantic	700	600	500	500	500	550
Camden	150	100	150	200	200	200
Cumberland	1,700	1,700	1,500	1,500	1,600	1,700
Gloucester	2,500	1,900	1,800	1,700	1,600	1,500
Salem	2,100	1,700	1,600	1,400	1,500	1,500
Other counties	400	300	300	400	350	350
STATE	8,100	6,700	6,500	6,100	6,100	6,100

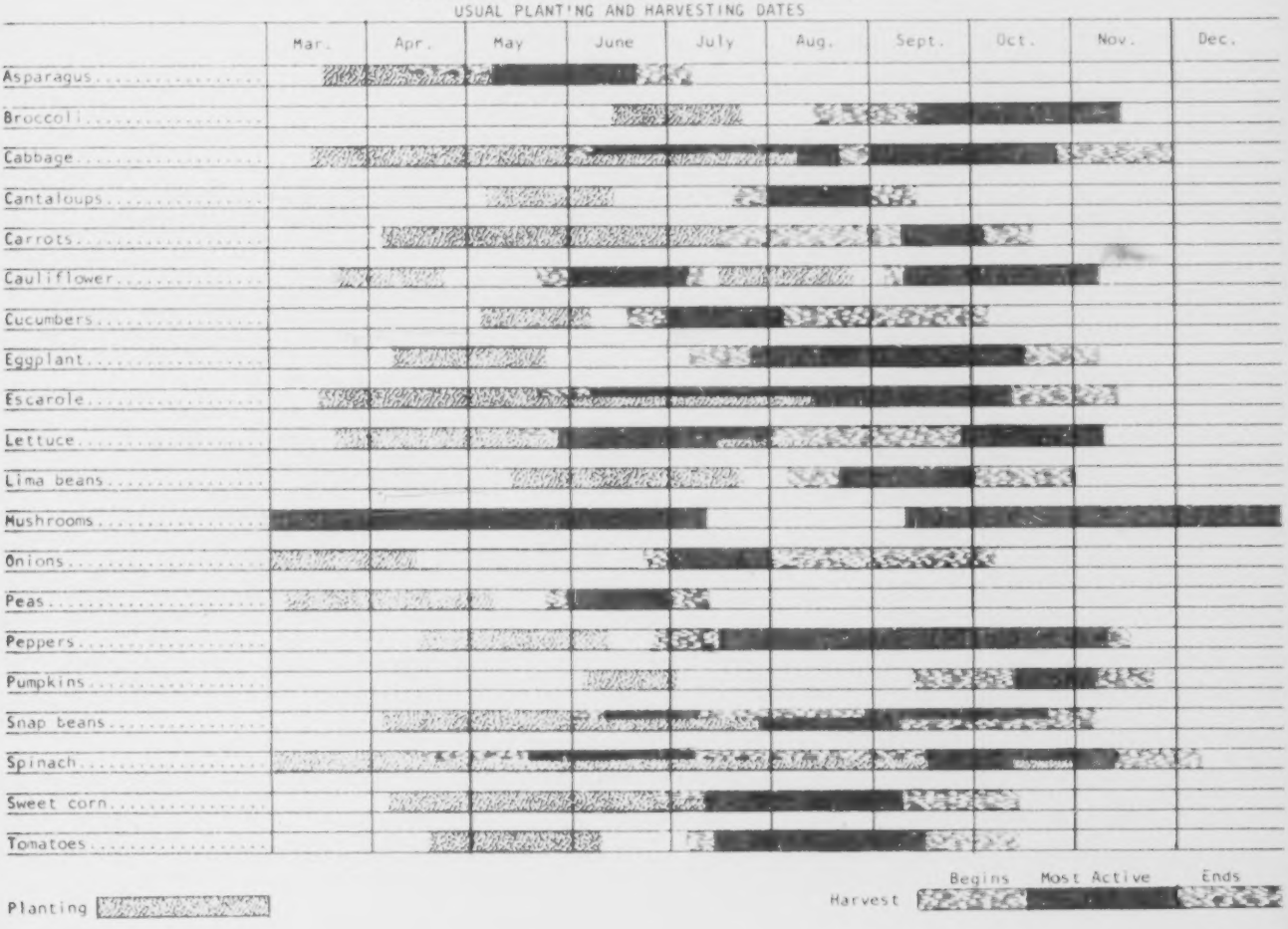
1/ Preliminary.

NEW JERSEY: PRINCIPAL VEGETABLES, ACREAGE, PRODUCTION AND VALUE, 1979-1984

Year	Acres harvested			Production (tons)			Value ($1,000)		
	for fresh market	for processing	Total 1/	for fresh market	for processing	Total 1/	for fresh market	for processing	Total 1/
1979	44,500	15,200	61,580	193.4	122.0	321.9	60,041	10,838	71,830
1980	43,250	13,200	58,610	200.8	90.1	306.0	58,405	9,698	69,503
1981	43,350	13,900	59,540	230.8	128.0	379.7	75,731	14,327	92,230
1982 2/	44,150	14,900	59,050	233.5	131.5	365.0	82,937	14,330	97,267
1983 2/	40,800	10,600	51,400	198.9	80.4	279.3	72,239	7,990	80,229
1984	44,200	12,840	59,540	214.6	109.0	352.0	67,943	12,333	82,664

1/ Totals include vegetable crops not published in fresh market or processing tallies in order to avoid disclosing individual operations.
2/ Totals include all vegetables crops since all were published in these years.

NEW JERSEY: VEGETABLES, FRESH AND PROCESSING
USUAL PLANTING AND HARVESTING DATES



NEW JERSEY: MONTHLY UNLOADS OF MARKET VEGETABLES AT 22 U.S. CITIES, 1982-84 1/

Crop and year 2/	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Season totals
							-- 1,000 cwt --						
ASPARAGUS:													
1982-83	--	3	2	--	--	--	--	--	--	--	--	--	5
1983-84	--	3	1	--	--	--	--	--	--	--	--	--	4
1984-85	--	4	1	--	--	--	--	--	--	--	--	--	5
BEANS, ALL:													
1982-83	--	--	10	29	19	22	12	--	--	--	--	--	92
1983-84	--	--	3	15	15	18	5	--	--	--	--	--	56
1984-85	--	--	3	22	24	11	9	--	--	--	--	--	69
BEETS:													
1982-83	--	--	3	3	2	2	3	3	1	1	--	--	17
1983-84	--	--	3	2	2	2	3	3	1	--	--	--	16
1984-85	--	1	2	2	2	2	--	2	1	--	--	--	12
BROCCOLI:													
1982-83	--	--	--	--	--	2	3	1	--	--	--	--	6
1983-84	--	--	--	--	--	1	3	1	--	--	--	--	5
1984-85	--	--	--	--	--	1	2	1	--	--	--	--	4
CABBAGE:													
1982-83	--	--	51	68	47	39	39	43	12	--	--	--	302
1983-84	--	--	26	71	49	43	46	36	7	--	--	--	280
1984-85	--	--	36	72	50	21	36	31	6	--	--	--	252
CANTALOUPS:													
1982-83	--	--	--	9	21	2	--	--	--	--	--	--	32
1983-84	--	--	--	7	22	1	--	--	--	--	--	--	30
1984-85	--	--	--	11	12	--	--	--	--	--	--	--	23
CELERY:													
1982-83	--	--	--	1	--	1	--	--	--	--	--	--	2
1983-84	--	--	--	1	2	1	1	--	--	--	--	--	5
1984-85	--	--	--	--	--	--	--	2	--	--	--	--	2
CORN, SWEET:													
1982-83	--	--	--	65	41	19	4	--	--	--	--	--	130
1983-84	--	--	--	38	40	11	2	--	--	--	--	--	91
1984-85	--	--	--	55	63	6	2	--	--	--	--	--	126
CUCUMBERS:													
1982-83	--	--	14	104	67	39	15	1	--	--	--	--	240
1983-84	--	--	5	86	71	36	8	--	--	--	--	--	206
1984-85	--	--	6	105	80	22	15	1	--	--	--	--	229
EGGPLANT:													
1982-83	--	--	--	7	31	28	14	1	--	--	--	--	81
1983-84	--	--	--	7	26	23	16	--	--	--	--	--	72
1984-85	--	--	--	7	27	11	11	1	--	--	--	--	57
ESCAROLE:													
1982-83	--	--	18	18	14	13	16	12	--	--	--	--	91
1983-84	--	1	23	15	13	11	17	6	--	--	--	--	86
1984-85	--	1	18	10	12	6	12	9	--	--	--	--	68
LETTUCE:													
1982-83	--	13	86	24	18	19	54	25	1	--	--	--	240
1983-84	--	13	85	26	12	23	73	16	--	--	--	--	248
1984-85	--	10	80	14	9	12	65	11	--	--	--	--	201
ONIONS:													
1982-83	--	--	--	9	9	4	--	--	--	--	--	--	22
1983-84	--	--	--	3	3	--	--	--	--	--	--	--	6
1984-85	--	--	--	2	2	3	1	--	--	--	--	--	8
PEPPERS:													
1982-83	--	--	1	28	67	37	20	3	--	--	--	--	156
1983-84	--	--	--	14	49	40	22	3	--	--	--	--	128
1984-85	--	--	--	19	61	20	17	4	--	--	--	--	121
SPINACH:													
1982-83	12	22	12	2	1	5	11	11	4	--	--	--	80
1983-84	19	21	8	1	1	4	10	10	3	--	--	--	78
1984-85	6	20	9	2	--	3	10	10	2	--	--	--	62
TOMATOES:													
1982-83	--	--	1	46	71	30	9	--	--	--	--	--	157
1983-84	--	--	--	43	51	20	9	--	--	--	--	--	123
1984-85	--	--	--	31	63	18	7	1	--	--	--	--	120

1/ See page 37 for conversion factors. 2/ Monthly totals may not add to season totals due to rounding.

SOURCE: Fruit & Vegetable Market News Service, C & MS, U.S. Department of Agriculture.

NEW JERSEY: VEGETABLES, FRUIT AND BERRIES, UNIT OF SALE, AVERAGE WEIGHT AND NUMBER OF PACKAGES USED IN CONVERTING TO CARLOT EQUIVALENTS

Crop	Unit of Sale	Average weight per unit (lbs)	Packages per carlot equivalent	
			In units	In cwt
Asparagus	Crate, 12 bunches	30	1,050	315
Beans, lima	Bushel	32	850	272
Beans, snap	Bushel	30	850	255
Beets, topped	Bushel	50	700	350
Broccoli	Crate, 12-14 bunches	21	900	189
Cabbage	Crate or sack	50	600	300
Carrots, topped	Bushel	50	1,000	500
Cauliflower	Crate	50	400	200
Celery	Crate, 3-4 dozen	60	600	360
Corn, sweet	Crate, 50 ears	42	725	305
Cucumbers	Bushel	48	700	336
Eggplant	1-1/9 bushel crate	33	750	248
Escarole, endive	1-1/9 bushel crate	28	850	238
Lettuce	Crate, 24 heads	43	825	355
Onions, dry	Sack	50	800	400
Peppers	Bushel	30	850	255
Spinach	Bushel	20	850	170
Tomatoes	Flat	30	2,000	400
Potatoes	Sack	100	500	500
Sweet potatoes	Bushel	50	600	300
Apples	Bushel or carton	44	900	396
Peaches	3/4 bushel or carton	38	900	342
Strawberries	Crate, 16 quarts	24	600	144
Blueberries	Crate, 12 pints	11	1,400	154

SOURCE: Fruit and Vegetable Market News Service, AMS, US Department of Agriculture.

FRUIT CROP SUMMARY

Utilized production for New Jersey's five major fruit and berry crops amounted to 221.4 million pounds in 1984. This was a decrease of 12 percent from 1983's production of 251.3 million pounds. Production of apples, blueberries and cranberries was higher than the previous year while production of peaches was much lower. Strawberry production was unchanged. The value of production of these five crops totaled $64.3 million in 1984, down 7 percent from a year earlier. Ranking the state's fruit crops by value of production indicated that blueberries ranked first with $18.0 million. Cranberries ranked second with $15.1 million. Peaches ranked third with $14.3 million followed closely by apples with $14.0 million. Strawberries were fifth with $3.0 million.

Total peach production in the Garden State decreased to 50 million pounds compared to 100 million pounds harvested in 1983. Production during 1984 compared to 1983 was halved due to a severe freeze. The season average price of 28.6 cents per pound in 1984 was up 3.2 cents from a year earlier. Value of production totaled $14.3 million, down 44 percent from the previous year. Gloucester was the leading peach producing county in the state with 21.0 million pounds. Atlantic ranked second with 7.0 million pounds and Cumberland followed closely with 6.5 million pounds. Camden ranked fourth and Burlington fifth with 5.5 and 3.5 million pounds, respectively.

New Jersey apple production totaled 110 million pounds in 1984. This compares with 100 million pounds in 1983. The 1984 season average price was 12.7 cents per pound compared to 10.5 cents per pound a year earlier. Higher price and higher production both contributed to an increase of 34 percent in the value of production, to $14.0 million in 1984. The leading apple producing county was Gloucester with 41.5 million pounds. Burlington was second with 12.0 million pounds, Monmouth third with 9.0 million pounds, Atlantic fourth with 8.5 million pounds and Cumberland fifth with 7.0 million pounds.

Blueberry production in New Jersey increased 26 percent from 1983 to 29 million pounds. Acres harvested in 1984 was 7,900 acres, a 100 acre increase from the previous year. Prices received by growers decreased to 62.0 cents per pound from 79.4 cents per pound a year earlier. Value of production, at $18.0 million, was down slightly from the previous year when the value was $18.3 million.

Strawberry production during 1984 remained unchanged from 1983 at 50,000 hundredweight. Yield per acre was 50 hundredweight. Acres harvested held at 1,000 acres. The season average price of $59.30 per hundredweight was up $8.20 from 1983. Value of production increased 16 percent from the previous year to $3.0 million.

Cranberry production in New Jersey totaled 274,000 barrels in 1984. This was up 18 percent from the previous year. Acres harvested increased 100 acres from 1983 to 3,200 acres. Yield per acre averaged 85.6 barrels, up 10.4 barrels from 1983. The season average price was $55.00 per barrel, up $2.60 from the previous year. Value of production increased to a record $15.1 million compared to 1983's value of $12.2 million.

NEW JERSEY: FRUIT AND BERRY PRODUCTION, UTILIZATION AND VALUE, 1979-1984

Crop year	Production 1/		Utilization		Season average price per unit 5/	Value of utilized production ($1,000)
	Total	Utilized	Fresh 2/	Processed		
			APPLES (million pounds)			
1979	110.0	110.0	58.0	52.0	10.6	11,660
1980	110.0	110.0	52.0	58.0	9.6	10,572
1981	95.0	95.0	55.0	40.0	13.0	12,330
1982	140.0	140.0	56.0	84.0	10.3	14,448
1983	100.0	100.0	50.0	50.0	10.5	10,450
1984	110.0	110.0	64.0	46.0	12.7	14,014
			PEACHES (million pounds)			
1979	95.0	90.0	90.0	3/	16.9	15,210
1980	110.0	110.0	110.0	3/	20.8	22,880
1981	90.0	90.0	90.0	3/	23.9	21,488
1982	80.0	80.0	80.0	3/	27.6	22,084
1983	105.0	100.0	100.0	3/	25.4	25,411
1984	50.0	50.0	50.0	3/	28.6	14,310
			BLUEBERRIES (thousand pounds)			
1979	23,400	23,400	17,400	6,000	59.0	13,806
1980	26,000	26,000	20,000	6,000	61.0	15,870
1981	28,000	28,000	20,700	7,300	65.0	18,201
1982	30,000	30,000	22,000	8,000	71.2	21,360
1983	23,000	23,000	18,000	5,000	79.4	18,260
1984	30,000	29,000	23,000	6,000	62.0	17,980
			STRAWBERRIES (thousand cwt)			
1979	34	34	34	---	40.00	1,360
1980	38	38	38	---	61.40	2,330
1981	43	43	43	---	68.60	2,950
1982	49	49	49	---	52.30	2,563
1983	50	50	50	---	51.10	2,555
1984	50	50	50	---	59.30	2,965
			CRANBERRIES (thousand barrels) 4/			
1979	253.0	253.0	---	248.0	26.90	6,806
1980	245.0	245.0	---	240.1	33.20	8,134
1981	228.0	228.0	---	223.5	41.60	9,485
1982	295.0	295.0	---	289.0	46.80	13,806
1983	233.0	233.0	---	229.0	52.40	12,209
1984	274.0	274.0	---	271.8	55.00	15,070

1/ Difference between total quantity and that having value are economic abandonment or excess cullage of mature fruit. For cranberries, differences also include the quantity set aside under the Cranberry Marketing Order.
2/ Includes quantities used in farm household or given away.
3/ Included in fresh utilization.
4/ Excludes cranberries paid for by the processor but lost because of dehydration and berry breakdown after delivery.
5/ Price for apples, peaches and blueberries is in cents per pound. Price for strawberries is in dollars per cwt. Price for cranberries is in dollars per barrel.

NEW JERSEY: COMMERCIAL APPLE PRODUCTION, BY COUNTIES, 1979-1984 1/

County	1979	1980	1981	1982	1983	1984 2/
			-- million pounds --			
NORTH DISTRICT						
Bergen	.6	1.7	1.0	1.5	1.0	1.0
Hunterdon	1.0	1.8	1.6	3.0	2.5	2.5
Morris	.8	1.5	1.1	1.8	1.2	1.5
Sussex	2.8	3.5	3.0	3.5	3.0	2.5
Warren	3.0	5.0	3.0	4.1	3.0	3.0
CENTRAL DISTRICT						
Burlington	15.5	16.0	13.6	19.8	13.6	12.0
Mercer	1.3	1.3	1.5	3.0	1.3	2.0
Middlesex	6.0	6.5	6.6	8.9	5.7	5.5
Monmouth	16.0	15.0	10.0	13.0	10.7	9.0
SOUTH DISTRICT						
Atlantic	9.0	11.0	8.0	13.0	7.0	8.5
Camden	12.0	11.0	5.0	9.5	5.0	6.5
Cumberland	4.1	4.0	4.5	8.5	5.2	7.0
Gloucester	30.6	25.7	30.3	42.0	34.1	41.5
Salem	6.5	4.7	4.8	6.9	5.2	6.5
Other counties	.8	1.3	1.0	1.5	1.5	1.0
STATE	110.0	110.0	95.0	140.0	100.0	110.0

1/ Includes quantities not sold or utilized for some years.
2/ Preliminary.

NEW JERSEY: MONTHLY UNLOADS OF APPLES AND PEACHES AT 22 U.S. CITIES, 1980-1985 1/

Crop and year 2/	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Season totals
							-- 1,000 cwt --						
APPLES:													
1980-1981	4	6	20	11	5	4	4	4	5	4	4	3	74
1981-1982	3	5	30	20	2	2	1	2	3	2	4	2	76
1982-1983	3	4	29	23	6	2	3	2	3	5	4	1	85
1983-1984	2	3	12	11	3	1	1	1	--	--	1	--	35
1984-1985	2	4	11	12	5	1	2	5	1	--	--	--	43
PEACHES:													
1980-1981	35	145	163	8	--	--	--	--	--	--	--	--	351
1981-1982	30	168	123	3	--	--	--	--	--	--	--	--	324
1982-1983	16	153	147	8	--	--	--	--	--	--	--	--	324
1983-1984	14	150	155	10	--	--	--	--	--	--	--	--	329
1984-1985	5	80	36	1	--	--	--	--	--	--	--	--	122

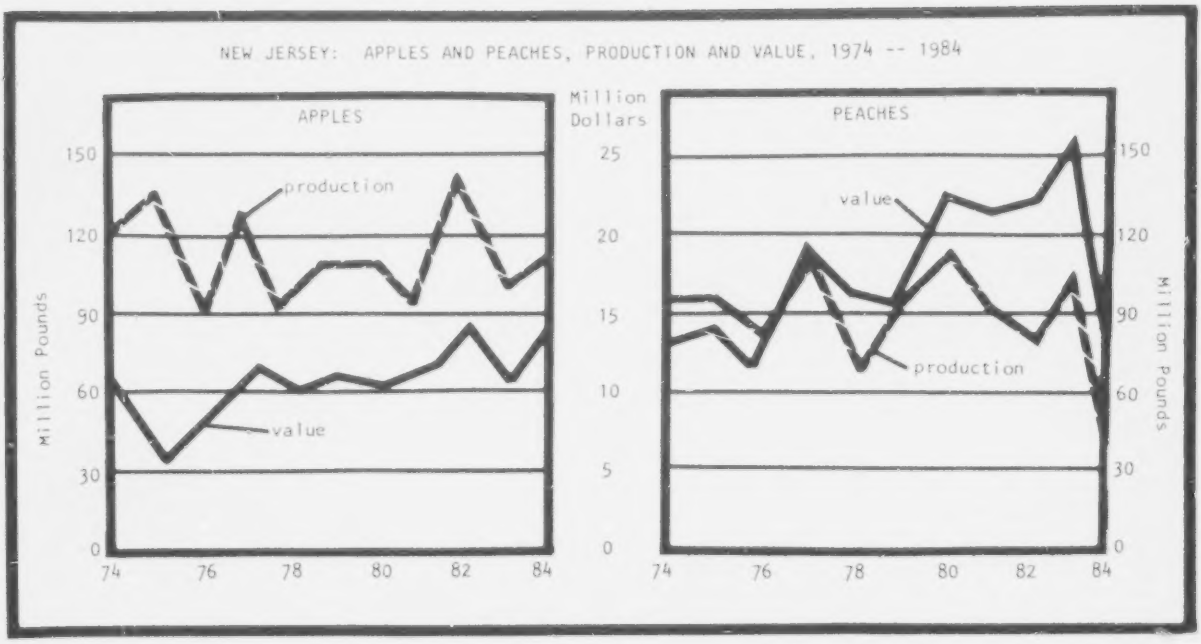
1/ See page 37 for conversion factors.
2/ Unloads for 41 cities prior to October, 1981.

SOURCE: Fruit and Vegetable Market News Service, USDA.

NEW JERSEY: PEACH PRODUCTION, BY COUNTIES, 1979-1984 1/

County	1979	1980	1981	1982	1983	1984 2/
	-- million pounds --					
NORTH DISTRICT						
Bergen	.9	1.5	1.4	1.1	1.0	.5
Hunterdon	.6	1.1	1.0	.9	1.1	.7
Morris	.5	.4	.3	.3	.5	.3
Sussex	.4	.6	.4	.5	.6	.4
Warren	.4	.6	.4	.4	.5	.3
CENTRAL DISTRICT						
Burlington	7.0	9.0	7.0	5.2	5.4	3.5
Mercer	.2	.3	.2	.3	.3	.1
Middlesex	1.1	1.3	1.2	1.2	.9	.5
Monmouth	2.5	2.6	2.5	2.2	2.5	1.2
SOUTH DISTRICT						
Atlantic	13.0	14.5	15.0	13.0	16.5	7.0
Camden	8.0	11.7	7.0	8.0	9.0	5.5
Cumberland	6.6	10.5	12.0	9.5	12.0	6.5
Gloucester	52.0	53.4	37.6	33.2	49.2	21.0
Other counties	1.8	2.5	4.0	4.2	5.5	2.5
STATE	95.0	110.0	90.0	80.0	105.0	50.0

1/ Includes quantities not sold or utilized for some years.
2/ Preliminary.



NEW JERSEY: BLUEBERRIES, BY COUNTIES, 1979-1984

County	1979	1980	1981	1982	1983	1984 1/
			-- Acres harvested --			
Burlington	3,400	3,400	3,100	3,000	3,000	3,000
Atlantic	3,800	3,900	3,900	3,700	4,000	4,100
Other counties	600	800	800	800	800	800
STATE	7,800	8,100	7,800	7,500	7,800	7,900
			-- Production per acre (lbs) --			
Burlington	2,200	2,500	3,000	3,095	2,400	3,200
Atlantic	3,850	4,000	4,300	4,950	3,550	4,390
Other counties	2,150	2,375	2,400	3,000	2,000	3,000
STATE	3,000	3,210	3,590	4,000	2,950	3,800
			-- Total production (1,000 lbs) --			
Burlington	7,480	8,500	9,300	9,285	7,200	9,600
Atlantic	14,630	15,600	16,780	18,315	14,200	18,000
Other counties	1,290	1,900	1,920	2,400	1,600	2,400
STATE	23,400	26,000	28,000	30,000	23,000	30,000

1/ Preliminary.

NEW JERSEY: STRAWBERRY ACREAGE, BY COUNTIES, 1979-1984

County	Acres harvested					
	1979	1980	1981	1982	1983	1984 1/
CENTRAL DISTRICT						
Burlington	100	100	100	200	200	200
Monmouth	150	150	100	100	100	100
SOUTH DISTRICT						
Camden	50	100	100	150	150	150
Cumberland	200	200	200	150	150	150
Gloucester	200	150	100	100	100	100
Other counties	200	200	300	300	300	300
STATE	900	900	900	1,000	1,000	1,000

1/ Preliminary.

NEW JERSEY: MONTHLY UNLOADS OF STRAWBERRIES AND BLUEBERRIES AT 22 U.S. CITIES, 1981-1984 1/

Year	Strawberries				Blueberries				
	May	June	July	Season totals	June	July	August	September	Season totals
					-- 1,000 cwt --				
1981	--	1	--	1	16	89	21	--	126
1982	--	2	--	2	13	70	26	1	110
1983	--	2	--	2	5	58	18	--	81
1984	--	2	--	2	6	66	33	--	105

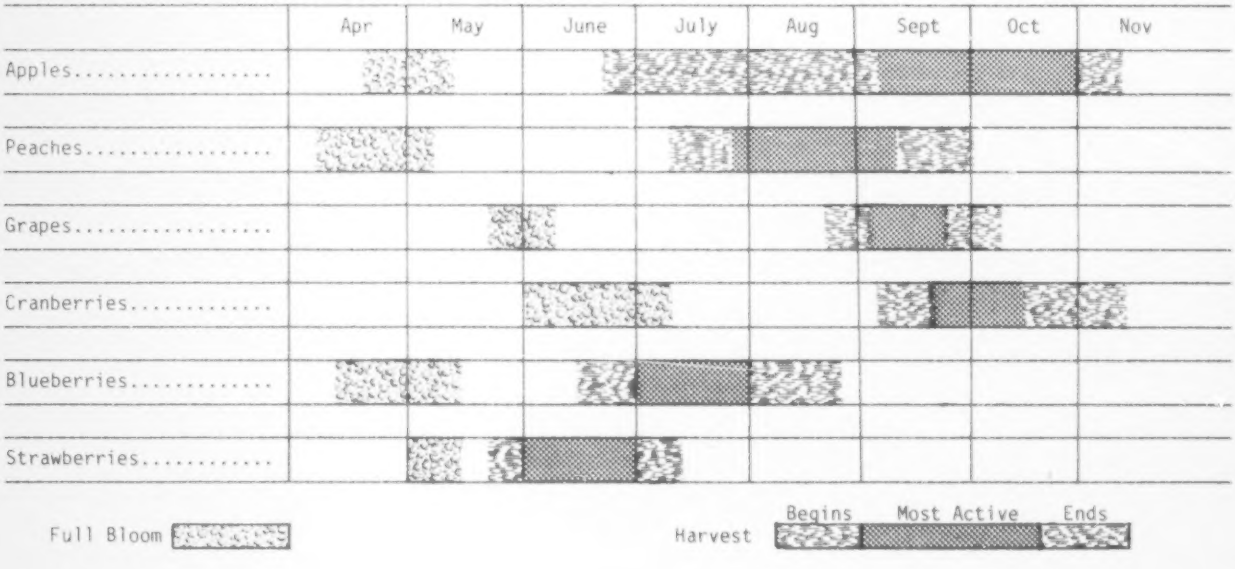
1/ See page 37 for conversion factors.
2/ Unloads for 41 cities prior to October 1981.

SOURCE: Fruit & Vegetable Market News Service, USDA

CRANBERRY ACREAGE AND PRODUCTION, BY STATES, 1979-1984

State	1979	1980	1981	1982	1983	1984
			-- acres harvested --			
NEW JERSEY	3,000	2,900	2,900	3,000	3,100	3,200
Massachusetts	11,200	11,200	11,200	11,200	11,200	11,200
Wisconsin	7,100	7,200	7,100	7,100	7,300	7,400
Washington	1,100	1,100	1,100	1,100	1,100	1,100
Oregon	800	790	850	810	850	920
TOTAL ACREAGE	23,200	23,190	23,150	23,210	23,550	23,820
			-- barrels per acre --			
NEW JERSEY	84.3	84.5	78.6	98.3	75.2	85.6
Massachusetts	96.4	105.8	104.6	114.9	126.9	148.5
Wisconsin	126.9	150.0	136.3	169.0	155.1	162.2
Washington	133.6	94.5	117.3	80.9	113.6	93.6
Oregon	118.1	105.7	112.9	80.2	88.2	89.1
AVERAGE YIELD	106.7	116.3	112.0	126.5	126.8	139.5
			-- production --			
NEW JERSEY	253,000	245,000	228,000	295,000	233,000	274,000
Massachusetts	1,080,000	1,185,000	1,172,000	1,287,000	1,421,000	1,663,000
Wisconsin	901,000	1,080,000	968,000	1,200,000	1,132,000	1,200,000
Washington	147,000	104,000	129,000	89,000	125,000	103,000
Oregon	94,500	83,500	96,000	65,000	75,000	82,000
TOTAL PRODUCTION	2,475,500	2,697,500	2,593,000	2,936,000	2,986,000	3,322,000

NEW JERSEY: FRUITS AND BERRIES, USUAL FULL BLOOM AND HARVESTING DATES



LIVESTOCK, DAIRY AND POULTRY SUMMARY

The number of cattle and calves on New Jersey farms totaled 102,000 head on January 1, 1985. This was down 2 percent from the 104,000 head on January 1, 1984. The average value per head, at $630.00, was $45.00 below the previous year's value per head. Total inventory value amounted to $64.3 million, 8 percent below the 1984 value.

Milk cows numbered 39,000 and beef cows totaled 16,000 on January 1, 1985 compared to 39,000 milk cows and 12,000 beef cows a year earlier. The 55,000 cows accounted for 54 percent of the total cattle and calf inventory. Heifers weighing 500 pounds or more totaled 21,000 head, or 21 percent of the total inventory. Of these 14,000 were milk cow replacements, 5,000 beef cow replacements and 2,000 were intended for slaughter.

A total of 474 million pounds of milk was produced in New Jersey during 1984, down 5 percent from the 1983 production of 500 million. The average number of milk cows declined to 39,000, down 1,000 from the average number in 1983. Averaged milk production per cow dropped to 12,154 pounds compared to 12,500 pounds in 1983. The top five milk producing counties were Warren, Sussex, Salem, Hunterdon and Burlington in that order.

There were an estimated 50,000 hogs and pigs on New Jersey farms on December 1, 1984, 11 percent above the 45,000 head the previous December 1. The average value per head, at $82.00, was 49 cents above a year earlier. The total inventory value amounted to $4.1 million, 12 percent above the previous year.

Sheep and lamb inventory increased to 12,000 head on January 1, 1985, 1,000 head more than a year earlier. The average value per head was $108.00, up $10.50 from 1984. Total inventory value of all sheep and lambs was $1,296,000, up 21 percent from the $1,073,000 value in 1984. Wool production amounted to 59,000 pounds, down 1,000 pounds from the 1983 production. Weight per fleece averaged 6.6 pounds, compared to 6.9 pounds the previous year. Sheep shorn increased to 9,000 head, up 300 head from the 8,700 sheep shorn in 1983. The value of wool production in 1984 increased to $40,000, an

increase of $15,000 from 1983. Wool prices averaged 68 cents per pound compared to 41 cents the preceding year.

Egg production in 1984 totaled 234 million eggs, down 5 percent from the 246 million eggs produced in 1983. Eggs per layer averaged 222 eggs compared to 229 eggs in 1983. The number of layers on New Jersey farms in 1984 averaged 1,053,000 compared to 1,076,000 in 1983. During 1984, Garden State poultrymen received an average of 88.0 cents per dozen eggs compared with 67.0 cents in 1983. These prices include the average price received by poultrymen for wholesale and retail sales of all sizes and grades of eggs. Value of production amounted to $17,160,000 during 1984 compared to $13,735,000 in 1983.

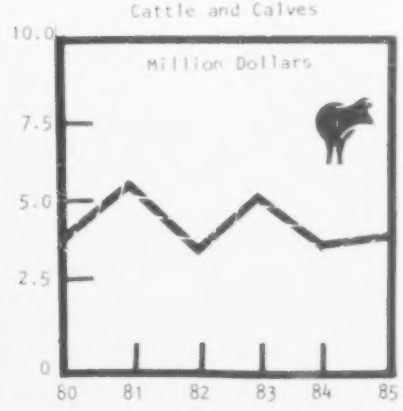
Sales of chickens (excluding meat chickens) decreased to 480,000 birds in 1984, 220,000 birds less than the 700,000 birds sold in 1983. The average price received in 1984 was 27.0 cents per pound, up 11 cents from 1983.

Turkey production in the Garden State increased to 88,000 head in 1984. This compared to 85,000 turkeys in 1983. Value of production increased to $1,768,000 in 1984, up 8 percent from the $1,639,000 value of 1984. The average price received decreased to 93.0 cents per pound, down 1 cent per pound from 1983.

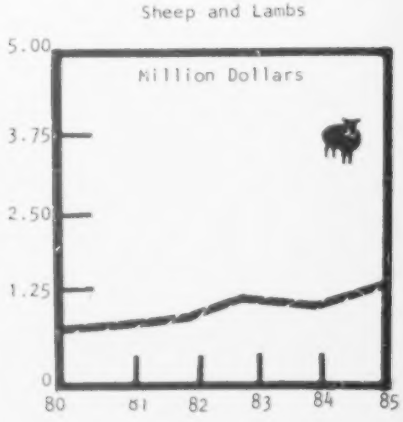
NEW JERSEY: LIVESTOCK ON FARMS AND VALUE, JANUARY 1, 1980-1985

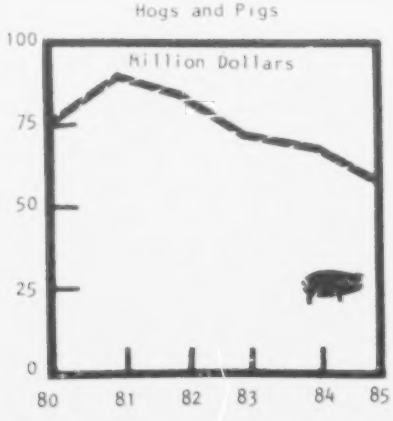
Item	Unit	Number or value					
		1980	1981	1982	1983	1984	1985
		-- 1,000 --					
All cattle and calves	No.	100	104	100	100	104	102
Total value	$	76,500	88,920	82,500	71,500	70,200	64,260
Cows and heifers that have calved:							
Beef cows	No.	12	14	14	12	12	16
Milk cows	No.	41	42	41	40	39	39
Heifers:							
Beef cow replacements	No.	3	4	4	6	4	5
Milk cow replacements	No.	15	14	14	14	17	14
Other	No.	2	3	1	2	2	2
Steers, bulls and heifers:							
Steers, 500 pounds and over	No.	6	6	5	5	8	4
Bulls, 500 pounds and over	No.	2	2	2	2	3	3
Steers, heifers and bulls, under 500 lbs.	No.	19	19	19	19	19	12
All hogs and pigs 1/	No.	69	68	45	50	45	50
Total value 1/	$	4,209	5,270	3,600	5,175	3,668	4,100
All sheep and lambs	No.	9.3	9.5	9.7	10.0	11.0	12.0
Total value	$	777	760	907	1,120	1,073	1,290
Ewes, 1 year and older	No.	6.8	6.9	6.8	6.8	7.0	8.0
Rams and wethers, 1 year and older	No.	.6	.6	.5	.5	1.0	1.0
Ewe lambs	No.	1.3	1.4	1.6	1.8	2.0	2.0
Wether and ram lambs	No.	.6	.6	.8	.9	1.0	1.0

1/ Estimates are for December 1, preceding year.



VALUE OF LIVESTOCK ON NEW JERSEY FARMS





NEW JERSEY: ALL CATTLE AND CALVES, NUMBER ON FARMS, BY COUNTIES, JANUARY 1, 1980-1985

County	1980	1981	1982	1983	1984	1985 1/
NORTH DISTRICT						
Hunterdon	16,000	18,000	17,000	16,000	17,000	16,800
Morris	2,600	3,000	2,000	2,000	2,100	2,000
Somerset	6,500	6,800	6,300	6,200	6,000	5,800
Sussex	17,400	16,400	15,600	15,600	16,500	16,200
Warren	19,500	20,500	19,800	20,000	21,500	21,200
CENTRAL DISTRICT						
Burlington	9,600	10,000	9,500	9,800	10,500	10,400
Mercer	1,600	1,900	1,600	2,000	2,200	2,200
Middlesex	1,200	900	1,200	1,000	1,100	1,000
Monmouth	3,200	2,700	2,500	4,000	4,000	3,800
Ocean	1,500	1,000	2,100	1,600	1,700	1,700
SOUTH DISTRICT						
Cumberland	2,700	2,700	2,500	2,600	2,400	2,300
Gloucester	3,100	3,100	3,100	3,700	3,700	3,700
Salem	14,300	16,100	16,000	14,500	14,100	13,900
Other counties	800	900	800	1,000	1,100	1,000
STATE	100,000	104,000	100,000	100,000	104,000	102,000

1/ Preliminary.

NEW JERSEY: HOGS AND PIGS, NUMBER ON FARMS, BY COUNTIES, DECEMBER 1, 1979-1984

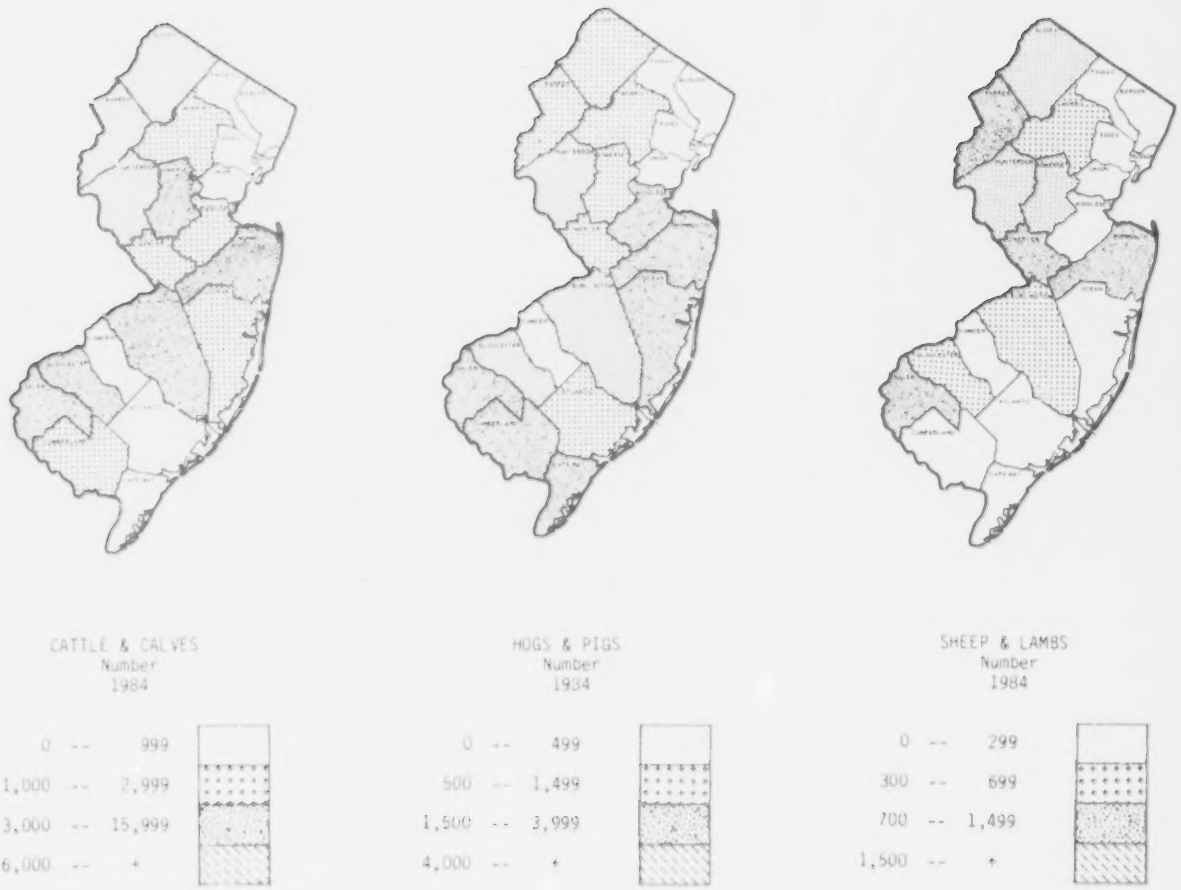
County	1979	1980	1981	1982	1983	1984 1/
NORTH DISTRICT						
Hunterdon	3,300	3,200	2,100	2,400	3,000	4,000
Morris	400	700	300	300	500	700
Somerset	1,500	1,700	900	900	1,100	1,400
Sussex	1,600	1,600	1,400	2,000	600	600
Warren	1,500	1,400	900	600	1,200	1,300
CENTRAL DISTRICT						
Burlington	5,500	4,500	3,800	4,200	6,500	6,600
Mercer	800	900	700	800	600	800
Middlesex	1,100	1,200	800	800	1,500	1,900
Monmouth	5,000	4,000	1,900	1,700	2,500	2,800
Ocean	2,000	3,500	2,400	3,000	1,500	1,800
SOUTH DISTRICT						
Atlantic	3,800	3,200	1,200	1,200	500	700
Cape May	2,000	1,600	1,900	2,000	2,100	2,300
Cumberland	3,300	3,000	2,700	3,000	2,800	2,400
Gloucester	32,000	33,000	21,000	24,000	17,400	19,100
Salem	4,800	4,200	2,700	3,000	3,000	3,300
Other counties	400	300	300	100	200	300
STATE	69,000	68,000	45,000	50,000	45,000	50,000

1/ Preliminary.

NEW JERSEY: SHEEP AND LAMBS, NUMBER ON FARMS, BY COUNTIES, JANUARY 1, 1980-1985

County	1980	1981	1982	1983	1984	1985 1/
NORTH DISTRICT						
Hunterdon	2,600	2,800	2,500	3,000	3,100	3,400
Morris	500	500	450	400	400	400
Somerset	1,700	1,300	1,500	1,600	1,500	1,600
Sussex	1,000	1,400	1,900	1,600	1,900	2,100
Warren	700	700	800	1,100	900	900
CENTRAL DISTRICT						
Burlington	450	400	500	600	500	600
Mercer	700	650	500	400	600	700
Monmouth	400	400	300	600	600	700
SOUTH DISTRICT						
Cumberland	250	250	200	200	2/	2/
Gloucester	2/	100	200	400	300	300
Salem	400	600	450	800	700	800
Other counties	600	400	400	300	500	500
STATE	9,300	9,500	9,700	11,000	11,000	12,000

1/ Preliminary.
2/ Included in other counties.

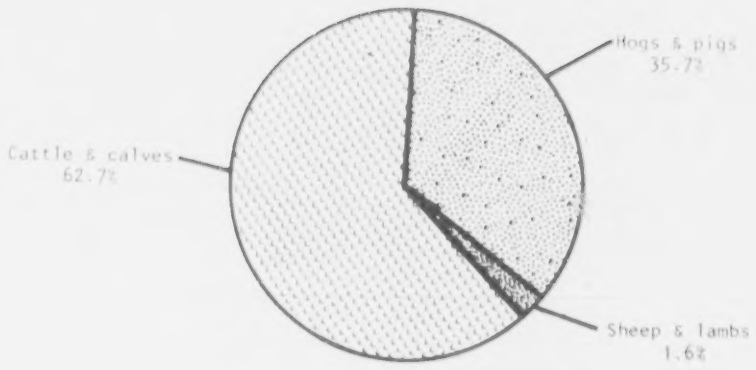


NEW JERSEY: LIVESTOCK PRODUCTION, DISPOSITION AND INCOME, 1979-1984

Item	Unit	1979	1980	1981	1982	1983	1984
CATTLE AND CALVES							
Calf crop	No.	46,000	49,000	45,000	43,000	44,000	43,000
Inshipments 1/	No.	4,000	4,000	5,000	4,000	4,000	3,000
Marketings 2/							
Cattle	No.	23,000	16,000	19,000	12,000	12,000	14,000
Calves	No.	23,000	26,000	27,000	26,000	22,000	24,000
Price per hundredweight							
Cattle	$	52.00	48.20	43.30	42.70	42.30	41.50
Calves	$	94.70	92.80	84.20	70.80	65.10	60.90
Cash receipts 3/	$1,000	18,661	15,771	16,792	11,186	9,995	10,865
Gross income	$1,000	21,323	18,258	19,026	13,088	12,336	13,298
HOGS AND PIGS							
Pig crop	No.	48,000	42,000	30,000	32,000	41,000	34,000
Inshipments 1/	No.	47,000	47,000	50,000	40,000	49,000	50,000
Marketings 2/	No.	82,000	78,000	95,000	55,000	89,000	75,000
Price per hundredweight	$	41.30	35.70	43.10	54.40	51.60	47.40
Cash receipts 3/	$1,000	7,062	5,648	8,430	6,104	9,334	7,269
Gross income 4/	$1,000	7,789	6,323	8,999	6,822	9,876	7,568
SHEEP AND LAMBS							
Lamb crop	No.	7,800	7,800	7,600	7,800	8,300	9,000
Inshipments 1/	No.	600	600	500	300	800	200
Marketings 2/							
Sheep	No.	1,900	1,700	1,900	2,000	3,100	1,500
Lambs	No.	4,100	4,300	3,500	3,200	4,100	4,700
Price per hundredweight							
Sheep	$	37.00	32.00	32.10	27.80	27.60	32.60
Lambs	$	60.00	58.00	46.10	41.50	53.80	57.20
Cash receipts 3/	$1,000	247	212	165	128	239	260
Gross income 4/	$1,000	339	281	214	216	326	337
WOOL							
Sheep shorn	No.	8.5	8.7	8.9	8.0	8.7	9.0
Weight per fleece	Lb.	6.8	6.9	6.8	7.0	6.9	6.6
Wool produced	Lb.	58	60	61	56	60	59
Price per pound 5/	$	.82	.70	.79	.40	.41	.68
Value 5/	$1,000	48	44	48	22	25	40

1/ Does not include inshipments for slaughter.
2/ Excludes custom slaughter for use on farms where produced and interfarm sales within the state.
3/ Receipts from marketings and sales of farm slaughter.
4/ Includes value of meat used in farm households.
5/ Does not include incentive payments.

NEW JERSEY: GROSS INCOME FROM MEAT ANIMALS, 1984



NEW JERSEY: SOWS FARROWED AND PIG CROP, 1979-1984

Year	December 1/ - May			June - November			Total pig crop (1,000)
	Sows farrowed (1,000)	Pigs per litter	Pig crop (1,000)	Sows farrowed (1,000)	Pigs per litter	Pig crop (1,000)	
1979	4.4	6.4	28	3.2	6.4	20	48
1980	3.4	5.9	20	3.4	6.5	22	42
1981	2.5	5.8	15	2.8	5.3	15	30
1982	3.0	5.3	16	2.5	6.3	16	32
1983	2.8	7.4	21	2.8	7.0	20	41
1984	2.4	7.0	17	2.5	6.8	17	34

1/ December preceding year.

NEW JERSEY: NUMBER OF LIVESTOCK FARMS BY SPECIES, 1979-1984

Year	Cattle	Milk cow	Hog	Sheep
		-- Number of farms --		
1979	2,800	950	900	650
1980	2,700	900	950	750
1981	2,800	900	1,000	750
1982	2,900	900	900	700
1983	2,800	900	800	700
1984	2,600	850	750	750

NEW JERSEY: GRAIN CONCENTRATES FED DAILY TO DAIRY COWS, SPECIFIED DATES, 1979-1984

Year	January 1	April 1	July 1	October 1
		-- pounds per cow --		
1979	13.0	14.1	12.6	13.2
1980	13.6	14.2	13.8	14.1
1981	13.1	13.4	13.6	13.2
1982	13.7	13.7	13.8	13.3
1983	13.7	13.1	12.9	12.6
1984	13.8	13.2	12.6	12.7

NEW JERSEY: PASTURE CONDITION AS A PERCENT OF NORMAL, 1979-1984 1/

Year	April 1	May 1	June 1	July 1	August 1	September 1	October 1	November 1
1979	86	88	93	90	86	86	84	86
1980	83	87	91	72	56	52	34	86
1981	71	83	88	90	74	69	78	77
1982	75	85	88	90	81	78	74	73
1983	90	87	91	89	66	51	48	63
1984	80	83	90	89	93	87	69	77

1/ Condition as a percent of normal for the first of the month as reported on monthly surveys.

NEW JERSEY: CATTLE AND CALVES SLAUGHTERED IN COMMERCIAL PLANTS, BY MONTHS, 1983-1984 1/

Month	Cattle				Calves			
	1983		1984		1983		1984	
	1,000 head	1,000 pounds liveweight	1,000 head	1,000 pounds liveweight	1,000 head	1,000 pounds liveweight	1,000 head	1,000 pounds liveweight
January	12.6	15,770	11.3	14,100	8.9	2,812	9.5	3,028
February	11.4	14,549	10.9	13,802	7.9	2,580	9.5	3,013
March	13.0	15,392	12.1	15,420	9.3	3,020	9.5	3,052
April	11.9	15,435	8.8	11,061	7.7	2,556	9.8	3,265
May	12.7	16,440	13.9	17,581	9.3	2,998	9.5	3,070
June	14.3	18,546	11.1	13,964	8.6	2,706	9.7	3,174
July	12.6	15,972	11.8	14,786	8.2	2,618	10.0	2,857
August	14.9	18,942	11.3	13,983	9.8	2,971	12.4	3,850
September	10.7	13,547	7.9	9,834	9.6	3,018	11.1	3,583
October	13.4	17,035	9.2	11,133	10.1	3,305	11.9	3,873
November	12.2	15,266	8.6	10,504	8.9	2,849	11.8	3,841
December	12.5	15,615	2.0	2,425	9.5	3,081	10.3	3,235
TOTAL 2/.....	152.1	192,508	118.9	148,592	107.8	34,514	124.9	39,842

1/ Includes slaughter in Federally inspected and other slaughter plants, but excludes animals slaughtered on farms.
2/ May not add due to rounding.

NEW JERSEY: HOGS, SHEEP AND LAMBS SLAUGHTERED IN COMMERCIAL PLANTS, BY MONTHS, 1983-1984 1/

Month	Hogs				Sheep and Lambs			
	1983		1984		1983		1984	
	1,000 head	1,000 pounds liveweight	1,000 head	1,000 pounds liveweight	1,000 head	1,000 pounds liveweight	1,000 head	1,000 pounds liveweight
January	21.7	4,702	26.3	5,515	3.0	300	4.2	427
February	18.0	3,938	25.7	5,613	2.7	260	3.6	362
March	23.5	5,165	28.2	6,208	5.7	444	3.5	328
April	19.7	4,279	26.9	5,910	3.9	322	6.5	503
May	22.2	4,683	31.1	6,849	5.0	409	5.2	516
June	23.8	5,141	28.9	6,146	4.7	459	5.0	498
July	21.6	4,652	24.4	5,223	4.0	385	5.6	551
August	25.5	5,543	27.4	5,917	5.2	515	5.9	592
September	24.2	5,092	23.5	4,805	4.9	513	5.5	537
October	23.7	5,181	27.7	5,572	4.5	446	4.9	490
November	27.0	5,739	29.0	5,735	4.5	436	3.3	329
December	33.7	6,298	31.9	5,745	4.8	481	4.3	432
TOTAL 2/.....	284.4	60,412	331.1	69,239	52.8	4,968	57.4	5,564

1/ Includes slaughter in Federally inspected and other slaughter plants, but excludes animals slaughtered on farms.
2/ May not add due to rounding.

NEW JERSEY: MILK PRODUCTION, DISPOSITION AND INCOME, 1979-1984

Item	Unit	1979	1980	1981	1982	1983	1984
MILK PRODUCTION BY QUARTER							
January - March							
Average number of milk cows	Number	42,000	41,000	42,000	41,000	40,000	39,000
Milk per cow	Pounds	2,929	3,000	2,952	2,976	3,050	3,077
Total milk production	Million lbs	123	123	124	122	122	120
April - June							
Average number of milk cows	Number	41,000	41,000	41,000	40,000	40,000	39,000
Milk per cow	Pounds	3,171	3,171	3,146	3,200	3,225	3,128
Total milk production	Million lbs	130	130	129	128	129	122
July - September							
Average number of milk cows	Number	40,000	41,000	41,000	40,000	40,000	39,000
Milk per cow	Pounds	3,075	2,976	3,000	3,050	3,125	3,000
Total milk production	Million lbs	123	122	123	122	125	117
October - December							
Average number of milk cows	Number	41,000	42,000	41,000	40,000	40,000	39,000
Milk per cow	Pounds	2,878	2,833	2,878	3,000	3,100	2,949
Total milk production	Million lbs	118	119	118	120	124	115
ANNUAL MILK PRODUCTION							
Average number of milk cows	Number	41,000	41,000	41,000	40,000	40,000	39,000
Milk per cow	Pounds	12,049	12,049	12,049	12,300	12,500	12,154
Total milk production	Million lbs	494	494	494	492	500	474
Disposition of milk produced:							
Used on farms	Million lbs	10	10	10	9	8	9
Sold to plants	Million lbs	463	466	467	468	478	450
Sold directly to consumers	Million lbs	21	18	17	15	14	15
Prices received for milk by farmers:							
Sold to plants and dealers (per cwt)	Dollars	12.50	13.38	14.10	13.90	14.00	13.80
Sold directly to consumers (per qt)	Cents	41.0	43.0	46.0	47.0	46.0	47.0
				-- $1,000 --			
Cash receipts from milk:							
Sold to plants and dealers		57,875	62,351	65,847	65,052	66,920	62,100
Sold directly to consumers		4,005	3,600	3,637	3,279	2,995	3,279
Total		61,880	65,951	69,484	68,331	69,915	65,379
Gross income (including home use)		62,391	66,496	70,058	68,614	70,200	65,660
Total value (including milk fed to calves)		63,158	67,313	70,920	69,604	71,052	66,644

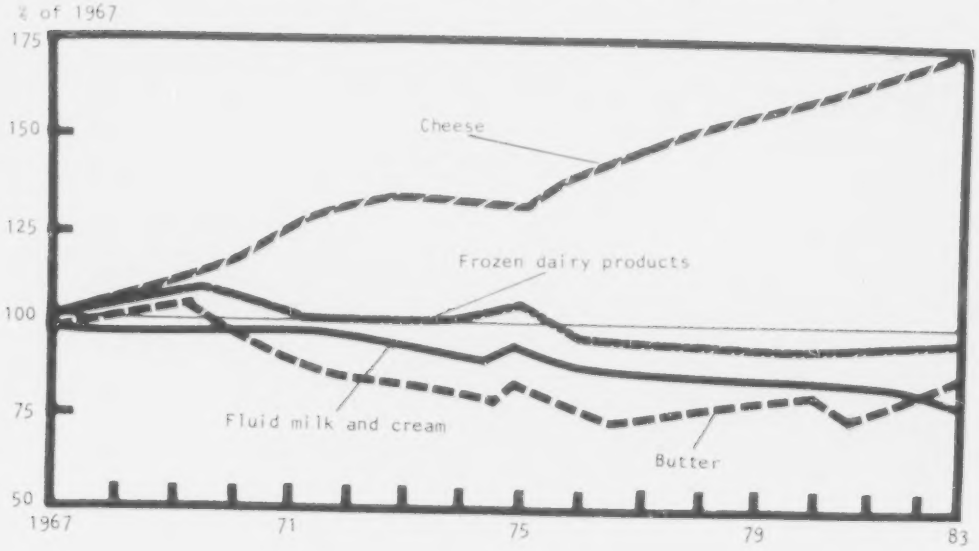
NEW JERSEY: MANUFACTURED DAIRY PRODUCTS, 1979-1984

Products	Quantity made					
	1979	1980	1981	1982	1983	1984
			-- 1,000 pounds --			
Cheese (excludes cottage cheese)	25,569	28,326	61,166	66,326	47,803	42,063
			-- 1,000 gallons --			
Total ice cream	5,747	11,310	15,770	20,192	24,474	26,298
Ice milk	3,040	3,697	3,498	4,649	5,678	4,123
Milk sherbert	194	318	343	407	283	170
Water ices	161	210	161	142	316	305
Total ice cream mix	2,793	7,785	10,287	13,401	1/	1/
All other mix	1,893	3,162	2,782	3,165	3,762	3,411

Products	Equivalent whole milk used (1,000 pounds)					
Cheese	102,826	114,536	110,327	128,260	1/	1/
Ice cream and other frozen products	110,978	202,240	268,447	349,613	421,016	432,228
Other milk products	353	328	327	354,152	1/	1/
Total	214,157	317,104	379,101	832,025	828,269	838,638
Duplications	21,879	28,175	30,824	64,951	55,065	52,161
Net total	192,278	288,929	348,277	767,074	773,204	786,477

1/ Not published.

U.S. PER CAPITA CONSUMPTION OF SELECTED DAIRY PRODUCTS



SOURCE: 1984 Handbook of Agricultural Charts, USDA

NEW JERSEY: MILK COWS AND MILK PRODUCTION, BY COUNTIES, 1979-1984

County	1979	1980	1981	1982	1983	1984 1/
			-- Average number of milk cows --			
NORTH DISTRICT						
Hunterdon	5,500	6,300	6,000	5,800	5,500	5,100
Morris	900	650	500	400	300	300
Somerset	2,150	2,250	2,400	2,200	2,200	2,100
Sussex	7,700	7,300	7,000	7,100	7,400	7,400
Warren	9,900	9,700	9,800	9,600	9,800	9,900
CENTRAL DISTRICT						
Burlington	4,800	4,700	4,600	4,300	4,400	4,300
Mercer	350	300	2/	2/	2/	2/
Middlesex	350	400	2/	2/	400	300
Monmouth	900	800	900	900	800	700
SOUTH DISTRICT						
Cumberland	900	800	800	800	800	800
Gloucester	1,150	1,100	1,300	1,300	1,300	1,300
Salem	5,900	6,200	6,700	6,600	6,700	6,400
Other counties	500	500	1,000	1,000	400	400
STATE	41,000	41,000	41,000	40,000	40,000	39,000
			-- Milk per cow (lbs) --			
NORTH DISTRICT						
Hunterdon	11,025	10,700	12,100	12,240	12,450	12,100
Morris	10,600	11,560	11,600	11,250	12,670	13,330
Somerset	12,100	12,000	12,040	12,050	12,550	11,810
Sussex	12,750	13,050	12,290	12,350	12,490	12,160
Warren	12,130	12,000	12,080	12,250	12,550	12,120
CENTRAL DISTRICT						
Burlington	11,840	12,400	11,850	12,370	12,360	12,400
Mercer	11,690	12,670	2/	2/	2/	2/
Middlesex	12,200	11,000	2/	2/	11,000	11,670
Monmouth	12,200	12,750	11,560	12,000	12,500	13,290
SOUTH DISTRICT						
Cumberland	10,300	11,500	11,880	12,500	12,380	11,250
Gloucester	12,300	11,900	11,620	12,000	12,620	11,540
Salem	12,500	12,190	12,070	12,560	12,630	12,270
Other counties	12,400	11,600	11,900	12,200	12,500	12,250
STATE	12,049	12,049	12,049	12,300	12,500	12,154
			-- Total milk production (1,000 lbs) --			
NORTH DISTRICT						
Hunterdon	60,640	67,400	72,600	71,000	68,500	61,700
Morris	9,540	7,500	5,800	4,500	3,800	4,000
Somerset	26,020	27,000	28,900	26,500	27,600	24,800
Sussex	98,170	95,300	86,000	87,700	92,400	90,000
Warren	120,090	116,400	118,400	117,600	123,000	120,000
CENTRAL DISTRICT						
Burlington	56,830	58,300	54,500	53,200	54,400	53,300
Mercer	4,090	3,800	2/	2/	2/	2/
Middlesex	4,270	4,400	2/	2/	4,400	3,500
Monmouth	10,980	10,200	10,400	10,800	10,000	9,300
SOUTH DISTRICT						
Cumberland	9,270	9,200	9,500	10,000	9,900	9,000
Gloucester	14,150	13,100	15,100	15,600	16,400	15,000
Salem	73,750	75,600	80,900	82,900	84,600	78,500
Other counties	6,200	5,800	11,900	12,200	5,000	4,900
STATE	494,000	494,000	494,000	492,000	500,000	474,000

1/ Preliminary.
2/ Included in other counties.

NEW JERSEY: POULTRY PRODUCTION, DISPOSITION AND INCOME, 1979-1984 1/

Item	Unit	1979	1980	1981	1982	1983	1984
EGGS							
Number of layers 2/	Thou.	1,483	1,252	1,312	1,202	1,076	1,053
Eggs per layer	No.	231	223	222	230	229	222
Eggs produced	Mil.	342	279	291	276	246	234
Eggs sold	Mil.	341	277	289	274	245	233
Price per dozen	Cents	63.0	58.0	66.0	65.0	67.0	88.0
Cash receipts	$1,000	17,968	13,388	15,895	14,842	13,679	17,087
Gross income 3/	$1,000	18,073	13,485	16,005	14,950	13,735	17,160
CHICKENS 4/							
Number raised	Thou.	1,217	1,200	1,328	984	926	962
Number sold	Thou.	1,200	1,147	1,000	1,100	700	480
Pounds sold	Thou.	5,040	4,817	4,200	4,730	2,940	2,016
Price per pound	Cents	13.7	11.0	11.0	10.0	16.0	27.0
Cash receipts	$1,000	689	530	462	473	470	544
Gross income 3/	$1,000	710	545	477	486	489	668
TURKEYS							
Number raised - total ...	Thou.	59	69	70	75	85	88
Heavy breeds	Thou.	44	59	60	60	83	82
Light breeds	Thou.	15	10	10	15	2	6
Pounds produced 5/	Thou.	1,298	1,428	1,442	1,418	1,726	1,901
Price per pound	Cents	57.0	67.0	72.0	82.0	95.0	93.0
Gross income 3/	$1,000	740	957	1,038	1,163	1,639	1,768
TOTAL GROSS INCOME 3/	$1,000	19,523	14,987	17,520	16,599	15,863	19,596

1/ Excludes meat-type birds, e.g., broilers, fryers, roasters, heavy pullets, capons and rock cornish.
2/ Average number on hand during the year.
3/ Includes value of production used in farm households.
4/ Includes farm and commercial operations, but excludes meat chickens.
5/ Includes home consumption.

NEW JERSEY: POULTRY ON FARMS AND VALUE, DECEMBER 1, 1979-1984

Class	Number and value					
	1979	1980	1981	1982	1983	1984
	-- 1,000 --					
All Chickens (excluding meat chickens)	1,277	1,400	1,500	1,218	1,220	1,410
Hens one year old and older	597	735	592	575	650	440
Pullets of laying age	740	547	745	515	450	790
Total hens and pullets of laying age	1,337	1,282	1,337	1,090	1,100	1,230
Pullets over 3 months old but not yet laying .	208	66	117	107	15	105
Pullets less than 3 months of age	5	45	40	11	100	70
Other Chickens	5	7	6	10	5	5
	-- $1,000 --					
TOTAL VALUE	2,554	2,730	2,775	2,862	2,440	2,750

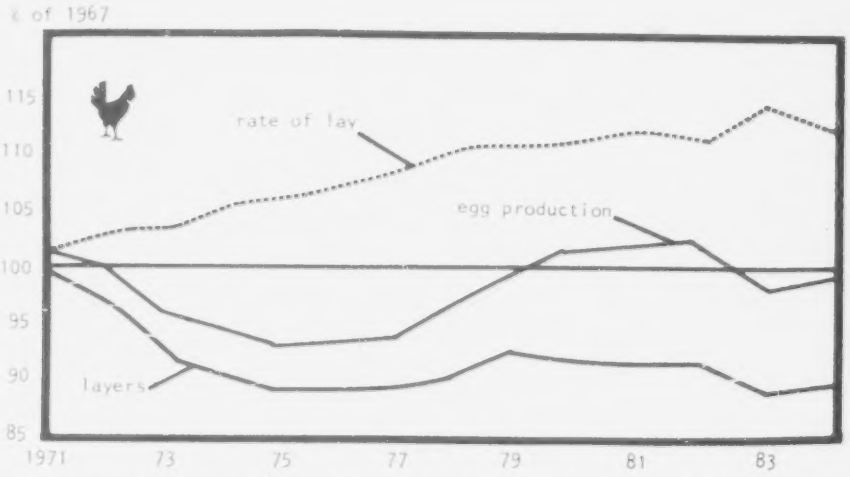
NEW JERSEY: LAYERS, EGGS PER LAYER AND PRODUCTION, BY MONTH, 1982-1984

Month	Average number of layers			Eggs per layer			Total egg production		
	1982 2/	1983	1984	1982 2/	1983	1984	1982 2/	1983	1984
	-- 1,000 Head --			-- Number --			-- Million --		
December 1/....		1,080	1,090		18.79	18.23		20	20
January	1,307	1,050	1,065	52.79	19.03	19.00	69	20	20
February		1,060	1,035		18.14	18.10		19	19
March		1,100	1,005		21.08	19.44		23	20
April	1,266	1,060	980	61.00	19.80	19.08	77	21	19
May		1,078	960		19.56	20.09		21	19
June		1,108	955		19.47	18.90		22	18
July	1,144	1,088	990	59.34	20.31	19.13	68	22	19
August		1,050	1,050		19.65	18.41		21	19
September		1,063	1,110		18.78	17.01		20	19
October	1,090	1,070	1,175	56.97	17.67	17.42	62	19	20
November		1,103	1,220		16.32	17.91		18	22

1/ December preceding year.
2/ Estimates for 1982 are by quarters: December - February, March - May, June - August, and September - November.

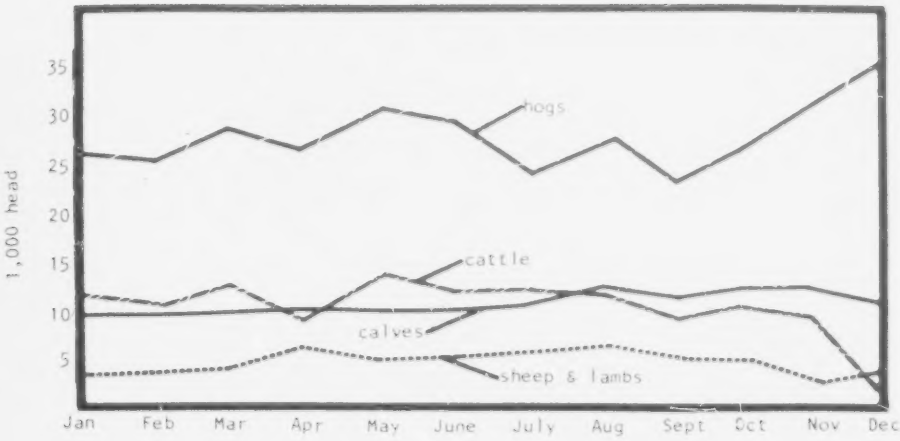
UNITED STATES

EGGS: RATE OF LAY, PRODUCTION, AND NUMBER OF LAYERS



SOURCE: 1984 Handbook of Agricultural Charts

1983 preliminary, 1984 forecast. December 1 previous year through November 30 current year.



NEW JERSEY

CATTLE, CALVES, HOGS, SHEEP AND LAMBS SLAUGHTERED IN COMMERCIAL PLANTS, BY MONTHS, 1984

FARM INCOME AND EXPENSE SUMMARY

The estimated cash receipts of all fruit, vegetable and field crops in New Jersey during 1984 were $241.0 million, a decrease of 5 percent from the 1983 value of $254.9 million. Most of the decline was attributed to lower receipts for peaches and cabbage. Peach production was down sharply in 1984 due to a severe winter freeze. Cabbage production was comparable to the previous year, but the 1983 season average price was much higher than the season average price of 1984. Cash receipts for field crops, at $78.6 million, was only $324,000 less than the previous year. Receipts for all fruit totaled $64.3 million, down 12 percent from the $72.8 million received during 1983. Receipts for vegetables totaled $98.2 million, 5 percent less than receipts in 1983.

Cash receipts from livestock, poultry and their products totaled $134.7 million, 1 percent less than the $136.8 million during the previous year. Dairy products were the leading category with cash receipts of $65.4 million. During 1983, dairy products accounted for receipts of $69.9 million. All poultry and eggs accounted for $20.3 million, up 17 percent from the previous year. Receipts for cattle and calves, at $10.9 million were 7 percent more than 1983. Receipts for hogs declined 22 percent to $7.3 million.

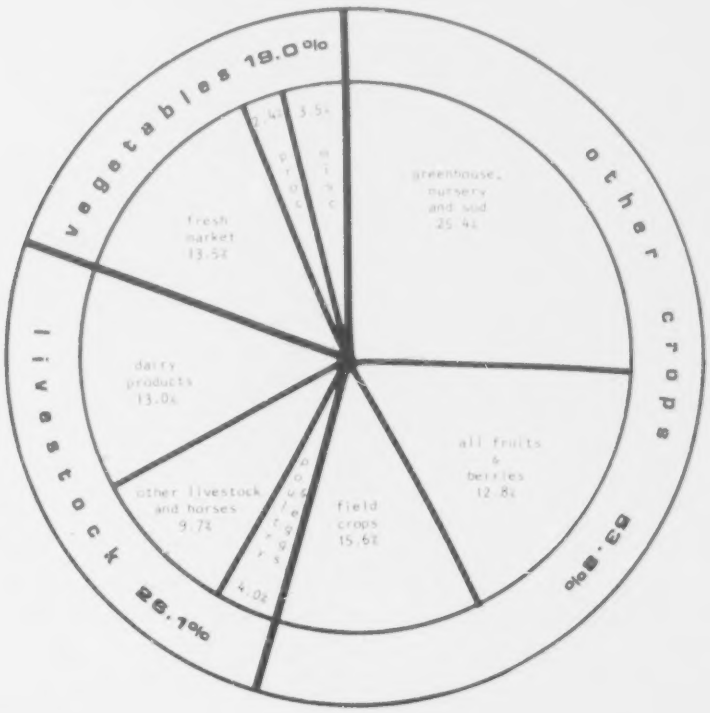
Farm production expenses totaled $504.5 million in 1984, 3 percent more than 1983. Expenses for fertilizer and lime returned to historic levels after the low expenditures recorded in that category during the PIK year of 1983. Expenditures for feed declined 10 percent to $36.7 million. Purchases of livestock also declined in 1984, down 18 percent to $5.3 million. Taxes on farm property continued to advance in 1984. The tax bill for 1984 was $39.4 million, 3 percent more than 1983. Since 1979 the tax burden has increased by 125 percent. Interest on farm mortgage debt increased 2 percent in 1984 to $32.1 million.

Data users will notice that net farm income for 1979 through 1984 is significantly above the totals published last year. The Economic Research Service, which is responsible for these figures, made significant changes to the Farm Production Expenditures series and the Other Farm Income series. The result was a sharply higher figure for net farm income for the years 1979 through 1984.

Total gross farm income in 1984 was $651.9 million, 1 percent more than 1983. Government payments, at $7.3 million, were up sharply from 1983 and reflect the income received by farmers participating in the PIK program of 1983. Many growers deferred selling their PIK grain until 1984. Total net farm income was $161.5 million, 10 percent more than the $146.8 million posted in 1983. Other farm income, at $40.5 million, contributed most to the increase. Non-money income declined 8 percent to $98.8 million.

The total value of farmland and buildings was set at $3,420 million on April 1, 1985. This was a 9 percent increase over the previous year. The average value per acre was $3,525, 9 percent more than the previous year. Since 1979, the average value per acre has increased 31 percent. New Jersey farmland has a higher value per acre than any other state in the nation. Only Rhode Island, Connecticut and New Jersey have average values of farmland over $3,000 per acre.

New Jersey Cash Receipts 1984



NEW JERSEY: FARM PRODUCTION EXPENSES, 1979-1984

Item	1979	1980	1981	1982	1983	1984
			-- million dollars --			
CURRENT FARM OPERATING EXPENSES						
Feed	36.2	39.2	34.5	33.5	40.6	36.7
Livestock	5.6	5.1	8.0	7.8	6.5	5.3
Seed	20.2	19.8	18.4	14.5	13.7	16.2
Fertilizer and lime	24.7	31.9	29.9	29.4	25.6	31.4
Repairs and operation of capital items	58.3	67.2	67.9	65.2	62.3	64.0
Hired labor	73.0	74.7	71.0	80.0	76.9	79.1
Miscellaneous	65.2	70.2	81.0	92.2	88.8	92.6
TOTAL CURRENT EXPENSES	283.2	308.1	315.7	322.6	314.4	325.4
Depreciation and consumption of farm capital	103.5	110.5	122.8	119.1	112.1	114.1
Taxes on farm property	17.5	23.8	28.2	35.7	38.4	39.4
Interest on farm mortgate debt	19.0	23.3	26.0	28.8	31.4	32.1
Net rent to non-farm landlords	-2.8	-3.9	-4.0	-5.5	-5.9	-6.5
TOTAL PRODUCTION EXPENSES	420.4	461.8	488.6	500.7	490.5	504.5

NOTE: Details may not add to totals because of rounding.

NEW JERSEY: GROSS AND NET INCOME FROM FARMING, 1979-1984

Item	1979	1980	1981	1982	1983	1984
			-- million dollars --			
Cash receipts from farm marketings	406.7	433.2	493.2	511.5	501.4	505.3
Government payments	.8	.9	1.5	1.1	4.4	7.3
Non-money income	81.8	96.2	98.9	110.4	107.8	98.8
Other farm income	22.7	25.2	28.6	29.8	33.3	40.5
TOTAL GROSS FARM INCOME	512.0	555.5	622.1	652.8	646.9	651.9
Farm production expenses	420.2	461.8	488.6	500.7	490.5	504.5
Realized net farm income	91.6	93.7	133.4	152.1	156.4	147.4
Net change in farm inventories	+3.0	-4.7	+3.3	-1.9	-9.5	+14.1
TOTAL NET FARM INCOME	94.7	88.9	136.8	150.2	146.8	161.5

NOTE: Totals may not add due to rounding.
Cash receipts differ slightly from those on page 59 due to method of calculation.

SOURCE: Economic Indicators of the Farm Sector, State Income and Balance Sheet Statistics, Economic Research Service, USDA.

NEW JERSEY: VALUE OF LAND AND BUILDINGS AND TAXES LEVIED ON FARM REAL ESTATE, 1979-1985

Year	Value of land and buildings		Taxes levied on farm real estate		
	Total (million $)	Average per acre ($)	Total (million $)	Average per acre ($)	Average taxes per $100 of full value ($)
1979	2,782	2,701	17.4	18.57	.69
1980	3,006	2,947	18.9	20.35	.70
1981	3,131	3,040	20.4	21.77	.73
1982	3,245	3,181	22.0	23.48	.75
1983	3,140	3,140	23.9 1/	25.59 1/	.84 1/
1984	3,137	3,234	2/	2/	2/
1985	3,420	3,525	2/	2/	2/

1/ Preliminary.
2/ Not available at time of publication.

SOURCE: Farm Real Estate Market Development and Farm Real Estate Taxes, Economic Research Service, USDA.

NEW JERSEY: TABLE 1 - BALANCE SHEET OF THE FARMING SECTOR (EXCLUDING FARM HOUSEHOLDS), JANUARY 1, 1979-1984 1/

Item	1979	1980	1981	1982	1983	1984 2/
			-- million dollars --			
ASSETS						
Total farm assets	2,822.5	3,033.9	3,148.8	3,283.7	3,246.9	3,311.4
Real Estate 3/	2,318.6	2,461.6	2,551.5	2,658.5	2,610.4	2,693.8
Livestock and poultry 4/	65.8	84.4	97.7	89.8	80.7	77.4
Machinery and moter vehicles 5/	254.3	288.0	309.3	334.2	347.8	340.2
Crops 6/	50.9	58.9	44.1	48.4	48.5	35.8
Financial assets	132.9	141.0	146.3	152.9	159.5	164.2
CLAIMS						
Total farm debt	304.3	349.6	399.1	425.9	441.2	433.0
Real estate debt 7/	198.8	233.2	267.0	269.4	277.1	276.0
Nonreal estate debt 8/	102.5	113.4	129.1	150.5	158.1	152.4
CCC loans 9/	3.0	3.0	3.0	6.0	6.0	4.0
Equity	2,518.2	2,684.3	2,749.8	2,857.8	2,805.7	2,878.4
			-- ratio --			
RATIOS						
Equity/assets	89.2	88.5	87.3	87.0	86.4	86.9
Debt/equity	12.1	13.0	14.5	14.9	15.7	15.0
Debt/assets, total	10.8	11.5	12.7	13.0	13.6	13.1
Debt/assets, real estate	8.6	9.5	10.5	10.1	10.6	10.3
Debt/assets, nonreal estate and CCC	20.9	20.3	22.1	25.0	25.8	25.3
Returns to operator/total debt	14.5	5.5	14.6	21.4	16.0	NA

NEW JERSEY: TABLE 2 - BALANCE SHEET OF THE FARMING SECTOR (INCLUDING FARM HOUSEHOLDS), JANUARY 1, 1979-1984 1/

			-- million dollars --			
ASSETS						
Total farm assets	3,546.9	3,827.0	3,966.4	4,144.2	4,122.2	4,226.6
Real Estate	2,782.0	2,984.5	3,087.9	3,211.5	3,147.7	3,242.4
Livestock and poultry	65.8	84.4	97.7	89.8	80.7	77.4
Machinery and moter vehicles	275.0	306.7	327.6	353.0	364.7	355.7
Crops 6/	50.9	58.9	44.1	48.4	48.5	35.8
Household equipment and furnishings	136.8	148.4	157.5	178.8	205.8	229.7
Deposits and currency	153.6	154.0	158.2	166.1	175.0	183.6
U.S. savings bonds	15.1	14.2	13.5	12.9	12.7	13.0
Investments in cooperatives	67.6	75.8	80.0	83.7	87.2	89.0
CLAIMS						
Total farm debt	348.7	404.6	461.8	490.4	506.8	497.7
Real estate debt	238.6	282.7	323.1	325.4	334.1	333.0
Nonreal estate debt 10/	107.1	118.9	135.7	159.0	166.7	160.7
CCC loans 11/	3.0	3.0	3.0	6.0	6.0	4.0
Equity	3,198.2	3,422.4	3,504.6	3,653.9	3,615.4	3,728.8
			-- ratio --			
RATIOS						
Equity/assets	90.2	89.4	88.4	88.2	87.7	88.2
Debt/equity	10.9	11.8	13.2	13.4	14.0	13.3
Debt/assets, total	9.8	10.6	11.6	11.8	12.3	11.8
Debt/assets, real estate	8.6	9.5	10.5	10.1	10.6	10.3
Debt/assets, nonreal estate and CCC	14.4	14.5	15.8	17.7	17.7	16.7
Net farm income/debt	26.9	12.8	20.2	26.2	22.3	NA

1/ Data are for farms with sales of $1,000 or more annually. 2/ Preliminary. 3/ Excludes value of operator dwellings. 4/ Excludes horses, mules and broilers. 5/ Includes only farm share value for trucks and autos. 6/ All crops held on farms including crops under CCC and crops held off farms by farm operators. 7/ Excludes debt on operator dwellings. 8/ Excludes debt for non-farm purposes. 9/ Nonrecourse CCC loans secured by crops, and storage and drying facilities owned by farmers. 10/ Includes debt owed to institutional lenders and to non-institutional lenders or miscellaneous lenders. 11/ Nonrecourse CCC loans secured by crops owned by farmers. These crops are included as assets.

NA - Not Applicable

SOURCE: Economic Indicators of the Farm Sector, State Income and Balance Sheet Statistics, Economic Research Service, USDA.

CASH RECEIPTS FROM NEW JERSEY FARM MARKETINGS, BY COMMODITIES, 1979-1984

Commodity	1979	1980	1981	1982	1983	1984 1/
			-- $1,000 --			
Livestock and Products						
Eggs	17,968	13,388	15,895	14,842	13,679	17,087
Turkeys	740	957	1,038	1,163	1,639	1,768
Other poultry	2,354	2,105	2,309	2,031	2,050	1,456
All poultry and eggs	21,062	16,450	19,242	18,036	17,368	20,311
Dairy products	61,880	65,951	69,484	68,331	69,915	65,379
Cattle and calves	18,661	15,771	16,238	11,186	10,177	10,865
Hogs	7,062	5,648	8,430	6,104	9,334	7,269
Horses 2/	17,401	17,575	19,508	26,000	27,300	28,400
Other livestock	1,559	2,010	1,946	2,481	2,664	2,522
All livestock except poultry	106,563	106,955	115,606	114,102	119,390	114,435
ALL LIVESTOCK AND PRODUCTS	127,625	123,405	134,848	132,138	136,758	134,746
Field Crops						
Corn	14,673	14,883	22,209	20,446	19,984	18,341
Wheat	5,299	5,824	8,150	6,054	5,162	5,201
Hay	9,018	8,676	10,300	11,879	12,404	12,784
Soybeans	35,477	26,382	30,351	25,007	23,015	24,083
Potatoes	8,168	15,778	13,972	10,894	13,018	13,018
Sweet potatoes	3,683	3,576	3,873	3,293	2,693	2,802
Other field crops	2,122	2,447	2,914	2,525	2,599	2,322
ALL FIELD CROPS	78,440	77,566	91,769	80,098	78,875	78,551
Vegetables for Fresh Market						
Tomatoes	14,573	9,666	20,582	25,186	12,520	13,737
Sweet corn	7,931	9,281	11,123	11,378	11,256	11,300
Lettuce	4,789	4,963	7,347	6,261	7,096	6,213
Asparagus	2,203	1,962	2,669	3,296	2,547	2,127
Peppers	7,539	7,792	7,685	9,847	9,658	8,794
Cabbage	5,524	8,147	5,878	7,076	9,332	5,808
Snap beans	4,858	4,853	6,159	5,530	3,703	5,843
Cucumbers	3,570	4,004	3,881	4,925	3,953	5,088
Spinach	2,912	2,515	3,136	3,865	5,876	3,703
Escarole	3,561	3,107	4,115	2,880	3,853	2,565
Eggplant	2,581	2,115	3,156	2,693	2,445	2,765
Vegetables for Processing						
Cucumbers for pickles	1,478	1,870	1,726	3/	3/	1,469
Snap beans	2,480	3,228	4,203	4,997	2,256	4,541
Tomatoes	6,880	4,600	8,398	9,333	5,734	6,323
Miscellaneous Vegetables	20,417	19,453	20,989	25,356	22,993	17,919
ALL VEGETABLES	91,296	87,556	111,047	122,623	103,222	98,195
Fruits						
Peaches	15,125	22,776	21,368	21,964	25,284	14,157
Apples	12,030	10,497	11,529	17,411	13,795	14,078
Blueberries	13,806	15,870	18,201	21,360	18,260	17,980
Strawberries	1,360	2,333	2,950	2,563	2,555	2,965
Cranberries	6,806	8,134	9,485	13,806	12,209	14,357
Other fruits and berries	486	567	668	743	690	733
ALL FRUITS AND BERRIES	49,613	60,177	64,201	77,847	72,793	64,270
Greenhouse, nursery and sod	59,300	82,300	92,215	98,508	102,500	127,496
Mushrooms	399	330	368	295	364	360
ALL CROPS	279,048	307,929	359,600	379,371	357,754	368,872
ALL COMMODITIES	406,673	431,334	494,448	511,509	494,512	503,618

1/ Preliminary.
2/ The cash receipts figure for horses is estimated by N.J. Division of Markets, Equine Program.
3/ Not estimated separately due to budget cuts. Included in miscellaneous vegetables.

NEW JERSEY: AVERAGE PRICES RECEIVED BY FARMERS, MONTHLY, 1979-1984

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
CORN (dollars per bushel)												
1979	2.36	2.41	2.48	2.56	2.69	2.82	3.15	3.09	3.08	2.82	2.84	2.93
1980	2.70	2.85	2.84	2.78	2.85	2.87	3.16	3.49	3.55	3.50	3.60	3.71
1981	3.82	3.78	3.72	3.75	3.78	3.64	3.65	3.30	2.85	2.62	2.53	2.43
1982	2.64	2.70	2.64	2.70	2.80	2.76	2.75	2.58	2.32	2.17	2.28	2.32
1983	2.46	2.67	2.85	3.15	3.22	3.32	3.42	3.89	3.85	3.72	3.69	3.60
1984	3.64	3.64	3.64	3.80	3.70	3.79	3.76	3.36	3.15	2.95	2.80	2.75
WHEAT (dollars per bushel)												
1979	3.34	3.62	3.57	3.50	3.53	3.81	4.04	3.87	3.91	3.91	3.88	3.94
1980	3.85	4.10	3.89	3.73	3.70	3.60	3.89	4.04	4.18	4.31	4.20	4.20
1981	4.36	4.25	4.01	3.92	3.78	3.36	3.20	3.24	3.25	3.45	3.61	3.63
1982	3.52	3.59	3.42	3.50	3.50	3.15	3.14	3.00	2.98	2.97	2.98	3.08
1983	3.11	3.30	3.20	3.30	3.33	3.11	3.25	3.47	3.52	3.60	3.50	3.50
1984	3.64	3.62	3.60	3.56	3.54	3.65	3.35	3.38	3.59	3.52	3.50	3.30
RYE (dollars per bushel)												
1979	2.75	2.75	2.75	2.75	2.75	2.75	3.00	3.10	3.01	3.22	3.25	3.10
1980	3.10	2.75	2.50	3.00	3.00	3.00	2.72	3.25	3.50	3.62	4.53	4.35
1981	4.35	4.35	4.20	4.20	4.20	4.20	3.08	3.37	3.35	3.51	3.48	4.00
1982	3.65	3.00	3.06	3.00	1/	---	---	---	---	---	---	---
SOYBEANS (dollars per bushel)												
1979	6.60	6.90	6.95	7.05	6.90	7.35	7.30	6.50	6.50	6.25	6.25	6.10
1980	6.00	6.25	6.05	5.75	5.65	5.70	7.20	7.20	7.90	8.18	8.43	7.33
1981	7.81	7.30	7.10	7.63	7.20	7.00	7.20	6.77	6.21	6.16	5.80	5.85
1982	5.93	6.07	5.93	6.20	6.32	6.13	6.11	5.79	5.33	5.19	5.37	5.30
1983	5.41	5.63	5.70	6.15	6.12	5.74	6.28	7.98	8.44	7.96	8.00	7.50
1984	7.70	7.20	7.64	7.66	8.38	7.48	6.79	6.13	5.94	5.97	6.25	5.90
POTATOES (dollars per cwt)												
1979	---	---	---	---	---	---	4.95	3.65	3.90	4.20	4.30	4.35
1980	---	---	---	---	---	---	9.80	6.95	8.90	9.30	9.35	9.80
1981	---	---	---	---	---	---	8.30	6.70	6.40	6.50	6.90	6.95
1982	---	---	---	---	---	---	5.35	5.10	5.10	5.10	4.70	---
1983	---	---	---	---	---	---	8.00	8.35	8.60	8.25	7.80	7.20
1984	---	---	---	---	---	---	---	7.50	7.40	6.75	6.40	6.00
SWEET POTATOES (dollars per cwt)												
1979	12.40	12.70	13.40	13.20	14.00	12.20	13.10	---	15.50	13.00	14.40	12.90
1980	11.90	14.60	12.80	13.90	12.70	12.00	11.50	---	15.80	13.70	13.40	12.70
1981	15.70	17.00	18.50	21.70	23.30	22.30	24.50	---	18.00	16.90	18.50	17.30
1982	16.20	14.40	13.50	14.00	14.60	15.80	15.00	---	12.50	9.00	10.30	11.20
1983	10.00	9.65	6.75	8.95	8.45	8.20	8.95	---	14.00	11.00	13.10	17.90
1984	17.60	18.30	18.60	20.70	19.00	23.00	---	---	15.60	17.50	15.50	15.00

1/ Monthly prices were discontinued after May, 1982.

NEW JERSEY: AVERAGE PRICES RECEIVED BY FARMERS, MONTHLY, 1979-1984

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						ALFALFA HAY, baled (dollars per ton)						
1979	81.00	85.00	75.00	75.00	75.00	73.00	73.00	68.00	66.00	65.00	70.00	70.00
1980	75.00	75.00	74.00	76.00	74.50	67.00	73.50	81.50	87.80	92.00	82.00	100.00
1981	114.50	115.00	106.50	107.00	108.00	91.00	87.20	99.00	103.00	102.00	105.00	110.00
1982	108.00	120.00	130.00	130.00	133.00	125.00	115.00	112.00	113.00	107.00	109.00	115.00
1983	110.00	120.00	115.00	111.00	109.00	105.00	99.00	110.00	119.00	117.00	121.00	119.00
1984	125.00	117.00	121.00	124.00	135.00	135.00	110.00	125.00	116.00	120.00	109.00	120.00
						OTHER HAY, baled (dollars per ton)						
1979	61.50	61.50	57.50	54.50	51.00	46.00	42.00	47.00	52.00	50.00	55.00	55.00
1980	58.00	58.50	52.50	51.00	55.00	48.00	49.00	54.50	66.50	74.00	64.00	76.50
1981	83.50	80.00	80.00	77.00	75.00	72.00	74.00	74.00	76.00	78.00	82.00	90.00
1982	90.00	90.00	95.00	95.00	100.00	98.00	89.00	85.00	86.00	81.00	82.00	86.00
1983	85.00	90.00	90.00	86.00	85.10	88.00	88.00	88.20	93.00	96.00	96.00	96.00
1984	97.40	90.00	83.00	83.70	91.10	91.10	81.00	84.00	90.00	90.00	82.00	89.00
						ALL HAY (dollars per ton)						
1979	72.00	74.45	67.00	66.00	64.00	61.00	59.00	58.50	59.50	58.50	63.50	63.50
1980	66.50	67.00	63.50	63.50	64.50	57.50	61.25	68.00	77.25	83.00	73.00	88.25
1981	100.50	99.50	94.50	93.50	93.00	82.50	81.20	88.00	91.00	91.00	94.50	101.00
1982	100.00	101.00	108.00	108.00	112.00	108.00	98.00	94.80	96.00	90.00	92.00	96.50
1983	94.00	101.00	100.00	95.00	93.70	94.10	92.00	96.00	102.00	104.00	105.00	104.00
1984	107.00	100.00	96.70	98.20	107.00	107.00	91.00	99.00	99.50	100.50	91.50	100.00
						APPLES, fresh market (cents per pound)						
1979	15.5	16.0	16.0	16.4	17.0	17.0	15.4	15.8	15.0	13.8	14.1	14.1
1980	14.3	15.3	14.3	15.3	21.1	20.5	14.5	16.5	17.5	13.5	14.0	14.5
1981	16.0	13.5	15.0	15.0	14.5	16.0	15.0	16.7	16.3	17.2	19.5	19.5
1982	19.5	22.8	21.5	21.9	22.8	26.7	22.6	23.0	18.5	17.0	16.5	16.8
1983	16.3	16.2	18.5	17.6	17.9	16.0	16.4	18.1	13.6	16.1	17.4	17.4
1984	17.3	17.0	21.0	25.0	20.0	20.0	20.0	19.1	19.0	16.9	17.7	18.3
						PEACHES, fresh market (cents per pound)						
1979	---	---	---	---	---	---	16.4	16.8	18.6	---	---	---
1980	---	---	---	---	---	---	19.4	19.0	24.0	---	---	---
1981	---	---	---	---	---	---	15.9	22.0	30.6	---	---	---
1982	---	---	---	---	---	---	24.6	31.0	27.0	---	---	---
1983	---	---	---	---	---	---	39.3	25.8	19.4	---	---	---
1984	---	---	---	---	---	---	25.5	25.1	22.4	---	---	---
						CATTLE (dollars per cwt)						
1979	51.20	51.70	53.60	57.10	58.80	55.60	57.00	47.90	49.50	46.30	47.40	50.40
1980	50.90	51.10	51.80	49.00	45.10	47.70	48.40	48.30	49.80	45.80	46.30	45.11
1981	43.30	45.10	43.50	44.00	46.70	45.40	40.90	48.30	43.80	42.00	40.80	38.50
1982	39.80	40.20	41.20	42.90	46.50	46.80	43.70	43.50	44.20	41.70	41.70	41.30
1983	40.80	41.80	44.60	45.40	45.70	47.90	44.00	41.50	41.30	41.00	39.60	38.20
1984	39.30	42.90	43.50	45.90	48.20	43.70	44.20	41.10	38.30	36.80	36.50	37.60

NEW JERSEY: AVERAGE PRICES RECEIVED BY FARMERS, MONTHLY, 1979-1984

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						CALVES (dollars per cwt)						
1979	81.40	85.10	94.90	97.00	108.90	102.20	99.00	90.00	93.00	101.60	93.00	96.40
1980	95.40	101.90	100.00	95.00	95.50	96.20	84.90	86.90	94.00	94.00	86.40	86.40
1981	86.40	86.40	78.50	78.90	97.20	93.20	93.80	89.50	85.00	84.00	76.00	73.50
1982	63.60	75.70	83.90	71.50	80.30	68.10	73.60	77.20	69.70	60.80	62.30	61.60
1983	59.40	64.60	67.20	72.40	79.90	76.90	68.70	65.70	62.80	58.10	53.00	58.70
1984	64.00	55.50	68.60	71.00	75.90	65.60	67.30	50.30	51.40	58.70	51.30	55.50
						HOGS (dollars per cwt)						
1979	50.00	53.50	48.60	44.00	43.50	38.00	37.10	36.60	37.10	31.50	32.70	35.50
1980	36.80	36.00	30.90	27.50	27.70	29.80	37.30	46.50	45.00	40.50	40.10	42.80
1981	40.40	41.60	40.60	44.90	40.40	46.60	48.20	47.10	45.90	41.40	39.90	43.90
1982	46.40	50.30	49.30	56.40	56.20	61.70	61.60	59.60	58.10	52.80	54.40	57.50
1983	55.60	54.00	55.50	52.30	55.50	48.50	48.40	53.10	45.40	40.10	41.50	49.30
1984	50.50	47.60	42.60	49.70	43.80	47.70	49.90	52.30	45.60	42.00	45.60	47.60
						MILK COWS (dollars per head)						
1979	825	830	950	1,000	1,010	1,100	1,000	1,000	1,050	1,180	1,200	1,200
1980	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,250	1,260	1,280	1,300	1,320
1981	1,340	1,360	1,300	1,300	1,300	1,300	1,350	1,350	1,340	1,320	1,320	1,300
1982	1,300	---	---	1,250	---	---	1,300	---	---	1,200	---	---
1983	1,160	---	---	1,140	---	---	1,170	---	---	1,000	---	---
1984	1,000	---	---	970	---	---	1,000	---	---	970	---	---
						MILK, sold to plants (dollars per cwt)						
1979	12.40	12.50	12.10	11.90	11.70	11.80	12.10	12.60	12.90	13.30	13.40	13.10
1980	13.20	13.20	13.00	12.90	12.70	12.70	13.00	13.30	13.70	14.20	14.40	14.40
1981	14.40	14.40	14.20	14.00	13.70	13.50	13.90	14.00	14.30	14.60	14.50	14.40
1982	14.30	14.10	13.90	13.70	13.20	13.40	13.70	13.90	14.10	14.40	14.40	14.00
1983	14.30	14.30	14.00	13.80	13.50	13.30	13.60	14.00	14.20	14.40	14.60	14.50
1984	14.10	13.80	13.60	13.40	13.20	13.10	13.50	13.90	14.40	14.60	14.80	13.60
						EGGS, (cents per dozen)						
1979	69.0	66.0	74.0	65.0	61.0	63.0	57.0	60.0	59.0	55.0	62.0	66.0
1980	57.0	53.0	58.0	54.0	50.0	51.0	54.0	61.0	66.0	62.0	69.0	74.0
1981	69.0	66.0	64.0	69.0	62.0	58.0	62.0	62.0	68.0	71.0	73.0	68.0
1982	67.6	71.0	73.0	68.0	62.0	59.0	59.0	60.0	63.5	63.5	63.3	58.6
1983	53.1	58.1	66.4	72.7	72.7	70.8	63.8	69.6	70.0	70.6	81.0	98.3
1984	102.0	98.9	98.5	101.0	90.0	89.3	89.7	71.8	75.0	77.4	79.6	67.6
						CHICKENS, live (cents per pound) 1/						
1979	15.5	16.5	17.5	15.5	17.0	14.5	13.0	11.0	11.0	11.0	10.5	11.5
1980	11.5	11.0	11.0	10.0	9.5	9.5	9.5	11.0	11.0	11.0	12.5	16.5
1981	12.5	13.0	13.0	10.0	9.5	9.5	8.6	9.2	11.9	10.3	11.0	12.0
1982	11.0	12.0	13.0	11.0	13.0	8.0	6.5	7.0	7.6	9.0	11.2	12.4
1983	9.9	11.7	10.9	11.5	12.2	12.2	20.0	19.9	21.4	27.3	23.6	23.6
1984	30.0	30.0	30.0	20.0	25.0	26.1	26.1	24.8	24.8	24.8	30.0	29.2

1/ Includes farm and commercial operations, but excludes meat-type chickens.

NEW JERSEY: AVERAGE PRICES PAID BY FARMERS FOR FEED, MONTHLY, 1979-1984

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LAYING FEED (dollars per ton)												
1979	141.00	138.00	147.00	155.00	163.00	167.00	175.00	170.00	188.00	179.00	162.00	178.00
1980	178.00	170.00	171.00	176.00	181.00	200.00	190.00	185.00	196.00	215.00	225.00	215.00
1981	205.00	210.00	205.00	205.00	210.00	215.00	205.00	210.00	195.00	191.00	188.00	195.00
1982	190.00	193.00	186.00	175.00	180.00	183.00	174.00	172.00	171.00	176.00	170.00	174.00
1983	175.00	175.00	183.00	205.00	200.00	197.00	194.00	199.00	220.00	215.00	210.00	210.00
1984	205.00	225.00	205.00	205.00	210.00	220.00	215.00	205.00	205.00	200.00	192.00	200.00
BROILER GROWER (dollars per ton)												
1979	200.00	200.00	195.00	190.00	190.00	185.00	190.00	190.00	195.00	195.00	195.00	205.00
1980	205.00	205.00	205.00	195.00	199.00	188.00	193.00	200.00	215.00	215.00	225.00	220.00
1981	230.00	235.00	220.00	225.00	235.00	235.00	230.00	235.00	220.00	220.00	200.00	220.00
1982	205.00	210.00	210.00	196.00	210.00	203.00	237.00	262.00	178.00	202.00	193.00	180.00
1983	235.00	201.00	235.00	255.00	204.00	204.00	208.00	208.00	230.00	306.00	294.00	227.00
1984	275.00	287.00	285.00	241.00	225.00	284.00	220.00	227.00	239.00	203.00	211.00	205.00
CHICK STARTER FEED (dollars per ton)												
1979	205.00	205.00	200.00	200.00	200.00	195.00	200.00	197.00	200.00	200.00	195.00	205.00
1980	210.00	205.00	205.00	200.00	199.00	210.00	197.00	215.00	235.00	235.00	240.00	245.00
1981	245.00	245.00	235.00	240.00	255.00	250.00	235.00	235.00	215.00	235.00	210.00	220.00
1982	210.00	215.00	220.00	210.00	220.00	210.00	202.00	223.00	199.00	197.00	193.00	194.00
1983	205.00	206.00	218.00	230.00	225.00	225.00	218.00	229.00	239.00	245.00	242.00	243.00
1984	298.00	234.00	232.00	232.00	242.00	246.00	249.00	237.00	234.00	229.00	218.00	222.00
TURKEY GROWER FEED (dollars per ton)												
1979	210.00	210.00	205.00	205.00	210.00	200.00	210.00	210.00	215.00	215.00	210.00	215.00
1980	215.00	215.00	215.00	215.00	210.00	215.00	220.00	235.00	260.00	245.00	260.00	265.00
1981	265.00	265.00	255.00	265.00	260.00	265.00	250.00	250.00	240.00	240.00	220.00	230.00
1982	240.00	235.00	235.00	225.00	230.00	232.00	236.00	233.00	232.00	222.00	225.00	220.00
1983	235.00	226.00	233.00	246.00	253.00	251.00	246.00	253.00	276.00	273.00	272.00	269.00
1984	283.00	264.00	259.00	253.00	270.00	263.00	258.00	262.00	255.00	254.00	253.00	247.00
MIXED DAIRY FEED, 16 percent protein (dollars per ton)												
1979	148.00	160.00	154.00	152.00	148.00	157.00	159.00	158.00	159.00	167.00	166.00	165.00
1980	175.00	166.00	167.00	175.00	177.00	174.00	174.00	188.00	197.00	199.00	200.00	205.00
1981	205.00	210.00	200.00	205.00	210.00	210.00	197.00	198.00	188.00	187.00	191.00	192.00
1982	195.00	191.00	191.00	183.00	189.00	188.00	185.00	184.00	178.00	183.00	174.00	183.00
1983	187.00	186.00	181.00	195.00	195.00	194.00	197.00	200.00	200.00	200.00	215.00	215.00
1984	215.00	210.00	210.00	205.00	210.00	215.00	205.00	205.00	200.00	197.00	181.00	182.00
VALUE OF CONCENTRATES FED TO DAIRY COWS (dollars per cwt)												
1979	7.15	---	---	7.30	---	---	7.60	---	---	7.90	---	---
1980	8.00	---	---	8.20	---	---	8.20	---	---	8.50	---	---
1981	10.00	---	---	9.70	---	---	9.70	---	---	9.00	---	---
1982	8.90	---	---	8.90	---	---	9.10	---	---	8.70	---	---
1983	8.80	---	---	8.70	---	---	8.80	---	---	9.40	---	---
1984	9.80	---	---	9.60	---	---	9.90	---	---	9.60	---	---

NEW JERSEY: AVERAGE PRICES PAID BY FARMERS FOR FEED, MONTHLY, 1979-1984

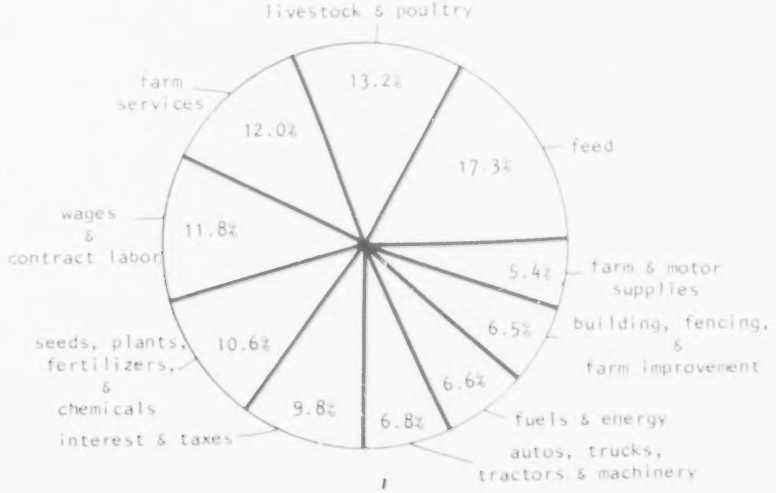
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
BEEF CATTLE CONCENTRATE, 30 percent protein and over (dollars per cwt)												
1979	10.50	10.50	10.90	10.50	10.50	10.50	11.00	11.00	11.00	11.00	11.00	11.50
1980	11.00	11.00	11.00	11.50	11.50	11.50	11.50	11.50	11.00	12.50	11.80	12.90
1981	12.80	13.00	12.00	13.00	12.30	13.10	11.50	11.60	11.60	12.60	11.50	12.00
1982	11.50	11.50	12.00	11.50	12.00	12.00	11.50	11.90	12.00	11.00	11.00	11.70
1983	12.00	11.60	11.60	11.40	11.30	11.40	12.70	12.40	12.60	13.00	13.70	13.70
1984	14.10	12.90	13.30	13.60	13.10	13.20	12.80	12.10	11.90	13.00	11.70	12.40
MIXED HOG FEED, 14-18 percent (dollars per cwt)												
1979	8.30	8.50	8.60	8.60	8.50	8.90	8.90	8.90	9.20	9.50	9.30	9.60
1980	9.90	9.40	10.00	10.00	10.00	10.00	9.90	10.50	11.50	11.00	11.50	11.50
1981	11.50	11.50	11.50	11.50	12.00	11.50	11.50	11.00	11.00	11.00	10.50	10.50
1982	10.50	11.00	10.00	10.50	11.00	11.00	10.50	10.50	10.50	9.90	10.00	9.80
1983	10.00	10.50	10.00	11.00	11.50	11.00	11.00	11.50	12.00	11.50	12.50	12.00
1984	12.50	11.50	12.00	11.50	11.50	11.50	12.00	11.50	11.50	11.00	11.00	11.00
COTTONSEED MEAL, 41 percent protein (dollars per cwt)												
1979	12.50	12.50	12.70	12.70	12.50	13.00	14.00	14.00	14.00	14.00	13.50	14.00
1980	13.00	13.00	13.00	14.00	13.50	13.50	14.00	14.50	15.00	15.00	15.30	15.50
1981	15.30	15.30	15.30	15.30	15.30	15.30	16.50	16.50	16.50	16.50	15.00	16.50
1982	16.50	16.50	16.00	16.00	16.50	16.50	16.50	16.50	16.50	18.00	18.00	16.50
1983	16.50	16.50	18.25	19.25	16.25	16.80	16.40	18.40	16.80	16.80	18.40	16.80
1984	16.80	16.80	17.25	17.25	18.60	17.75	16.40	17.40	20.40	15.20	15.10	15.40
SOYBEAN MEAL, 44 percent protein (dollars per cwt)												
1979	15.50	14.50	15.00	15.50	14.50	15.50	15.50	16.00	15.00	16.00	15.00	15.50
1980	15.50	15.50	15.00	13.50	13.50	14.00	14.00	15.00	16.00	16.50	18.50	18.00
1981	17.50	17.00	16.50	16.50	17.00	16.00	16.50	16.50	16.00	15.50	15.50	15.50
1982	15.00	15.00	15.00	15.00	15.50	15.50	15.50	15.00	15.00	14.00	14.50	15.50
1983	14.50	15.00	14.50	15.00	15.50	15.00	15.50	16.50	16.50	17.00	17.00	17.50
1984	17.00	16.00	16.00	16.50	16.00	16.00	15.50	15.50	15.50	15.00	14.00	14.00
CORN MEAL (dollars per cwt)												
1979	6.70	6.80	7.10	6.90	7.00	7.00	7.70	7.70	7.70	7.80	7.90	7.70
1980	7.50	8.00	7.60	8.30	8.40	8.90	9.00	9.60	9.60	9.70	9.40	9.70
1981	9.60	10.50	10.00	10.00	11.00	10.50	10.50	10.50	10.00	9.80	9.50	9.50
1982	8.90	8.90	9.60	9.00	9.40	9.90	10.00	9.10	8.60	8.90	8.70	9.00
1983	8.70	9.10	9.20	9.60	10.00	9.90	10.00	10.50	10.50	10.50	11.00	10.50
1984	10.00	10.50	11.00	11.00	11.00	10.50	11.00	10.50	10.50	10.50	10.50	10.00
BRAN (dollars per cwt)												
1979	8.50	8.40	8.30	8.70	8.70	8.80	9.10	9.40	8.90	9.30	9.10	9.30
1980	9.80	9.40	9.50	9.40	9.70	9.60	9.40	9.90	10.50	11.00	11.00	11.50
1981	12.50	11.50	11.00	11.50	11.50	11.00	11.00	11.00	11.00	10.50	11.00	11.00
1982	11.00	10.50	10.50	11.00	11.50	11.00	10.50	11.00	10.50	10.50	10.50	11.00
1983	11.00	11.50	10.50	11.00	11.50	11.00	11.00	11.00	11.50	11.50	12.00	12.00
1984	12.00	12.00	11.50	11.50	12.00	12.00	11.50	11.50	11.50	11.00	11.50	11.50

NEW JERSEY: ANNUAL PRICES PAID BY FARMERS, SELECTED ITEMS AND YEARS, 1979-1984 1/

Item	1979	1980	1981	1982	1983	1984
			-- dollars --			
BUILDING AND FENCING MATERIALS						
Dressed boards, No. 2 and better, per 1,000 bd ft	765	834	879	844	878	906
Shingles, asphalt, mineral surface, 240 lb 2/	27.05	31.13	31.58	30.88	30.72	30.60
Roofing, galvinized (steel) 28-29 ga per 100 sq ft	41.33	45.13	48.07	49.12	50.25	49.75
Portland cement, per 94 lb net	4.27	4.78	5.12	5.39	5.69	5.98
Concrete blocks, 8" x 8", 16" per 100	60.82	69.67	75.33	77.68	78.60	79.97
Field and stock fence, 6" stay, 32" high, per 20 rod roll	76.10	90.25	92.93	96.30	94.93	94.10
Post, steel, (line fence) each	2.81	3.23	3.62	3.60	3.54	3.57
Nails, 8D., common, per lb	.576	.653	.701	.719	.714	.691
MOTOR FUEL AND SUPPLIES						
Gasoline, regular, bulk delivery, per gallon	.786	1.142	1.283	1.183	1.116	1.083
Diesel fuel, per gallon	.708	1.018	1.217	1.150	1.063	1.073
Truck tires, 9.00 x 20, 10 ply, each	127.50	155.00	175.00	181.25	172.50	168.75
Spark plugs, each	1.80	1.80	1.98	2.00	2.08	1.68
Anti-freeze, permanent, per gallon	5.10	5.40	5.70	5.85	5.60	4.58
FARM MACHINERY AND SUPPLIES						
Wheel type farm tractors, 50-59 belt h.p., each	12,367	13,700	15,400	16,700	17,600	18,267
Moldboard plow, 3 bottoms, one-way each	1,675	1,895	2,165	2,315	2,420	2,555
Farm wagon (without box), less tires, each	720	801	834	877	920	978
Hand sprayer, pressure, 3-4 gal capacity, each	25.00	27.75	31.85	31.95	34.35	35.60
Nail hammer, with handle, each	9.58	11.40	13.25	13.85	14.80	14.50
Adjustable end wrench, each	8.64	9.45	10.38	10.93	11.53	11.63
FERTILIZER, per ton						
5-10-10	120.50	146.00	159.75	161.25	150.00	155.25
10-10-10	135.00	163.00	177.50	177.50	163.25	169.25
Ammonium nitrate, 33.5% N	171.75	199.00	223.75	232.50	220.25	229.75
Urea, 45-46% N	208.75	255.75	270.75	269.75	243.50	252.00

1/ All data is an average for the Northeastern States for building and fencing materials, farm machinery and supplies and fertilizer. Motor fuel and supply estimates are for New Jersey.
2/ 1984 data is for fiberglass shingles, mineral surface, approximately 220 lbs per square.

NORTHEAST -- 1984 FARM EXPENDITURES



NEW JERSEY AND UNITED STATES: VALUE OF EXPORT SHARES OF AGRICULTURAL COMMODITIES, FISCAL YEARS 1980-1984

Commodity Group	1980	1981	1982	1983	1984
			-- $1,000,000 --		
NEW JERSEY 1/					
Wheat, rice and feed grains 2/	---	---	---	---	---
Soybeans and soybean products 3/ ..	23.1	15.7	20.5	15.1	14.1
Fruits and preparations	7.0	8.1	7.5	7.4	6.8
Vegetables and preparations	5.9	8.9	8.9	6.1	6.1
Animals, meats and products 4/	3.0	4.1	4.6	8.4	9.9
Poultry and products	.5	.9	.7	.3	.2
Dairy products	.2	.6	.5	.7	.8
Other	2.2	2.3	2.3	4.9	5.4
TOTAL	41.9	40.6	45.0	42.9	43.3
UNITED STATES					
Wheat, rice and feed grains 2/	17,580.3	20,737.9	16,508.2	14,440.2	16,755.2
Soybeans and soybean products 3/ ..	8,587.8	8,042.3	8,429.9	7,776.4	7,549.8
Fruits and preparations	1,299.7	1,513.2	1,394.1	1,374.3	1,270.2
Vegetables and preparations	954.3	1,445.7	1,442.1	989.5	998.5
Animals, meats and products 4/	2,141.4	2,182.0	2,251.5	2,187.3	2,523.4
Poultry and products	546.5	765.2	579.0	451.1	412.8
Dairy products	156.3	237.7	367.8	348.9	392.8
Other	9,215.1	8,856.1	8,121.9	7,201.8	8,123.9
TOTAL	40,481.4	43,780.1	39,094.5	34,769.5	38,026.6

1/ The export shares for New Jersey were derived from the State's contribution to national output. They do not show actual State exports, but instead reflect the prorated stake in the national export total.
2/ Includes rice, corn, barley, oats, grain sorghum and other grain products.
3/ Soybeans, soybean meal and soybean oil.
4/ Includes hides, skins and mink pelts.

SOURCE: Foreign Agricultural Trade of the United States, USDA, Economic Research Service.

FARM EXPORTS

Iowa moved ahead of Illinois as the leading agricultural export State in fiscal year 1984 (October 1983-September 1984). Agricultural export contributions of most States increased during 1984. Other top-10 exporters were California, Nebraska, Texas, Kansas, Minnesota, Indiana, North Dakota and Ohio. U.S. agricultural exports during fiscal year 1984 totaled $38 billion compared with $34.8 billion the previous year. Values increased for wheat, rice, coarse grains, cotton, fruits and vegetables, hides, tallow, and diary products.

Imputed exports shares for Iowa in fiscal year 1984 totaled $3.44 billion, followed closely by Illinois with $3.28 billion. The 1983 drought severely reduced soybean yields in 25 of the 29 producing States. Illinois' soybean production in 1983 dropped 25 percent from year-earlier levels, and Iowa's fell 9 percent. For both States, soybeans are the second largest export crop behind corn.

Other States among 1984's top 10 exporters were California ($2.65 billion), Nebraska ($2.18 billion), Texas ($2.16 billion), Kansas ($2.15 billion), Minnesota ($2.07 billion), Indiana ($1.59 billion, North Dakota ($1.51 billion), and Ohio ($1.19 billion). Nebraska advanced to fourth from sixth position in 1983, with sharp increases for feed grains, hides, and tallow. Texas moved up to fifth from seventh place, mainly because of steep export gains in cotton. Ohio edged ahead of North Carolina as tobacco exports fell $40 million.

Agricultural export estimates by State for major commodity groups were based on the assumption that State contributions to exports are equal to each State's share of production or marketings. For example, if Iowa produced 17 percent of the U.S. soybean crop in 1983, it was assumed that 17 percent of U.S. soybean product exports originated in Iowa ($7.55 billion times 0.17 equals $1.28 billion).

Farm marketing ratios from the census of agriculture or other sources were used to calculate State shares when production data by State distorted export patterns or when production statistics by State were not available. State export estimates for wheat were calculated based on export inspections for major types, including hard red winter, spring, and durum. Census Bureau export data groups all wheat types into a single commodity. Wheat export inspections from different port areas yielded information on hard winter, hard spring, soft winter, and durum. Estimates of feeding and ending stocks for feed grains were used along with production by State.

The share-of-production method was used to compute export shares for cotton, cottonseed, soybeans and products, peanuts, and rice. For some commodities, production was not readily available. Exports of beef, animal fats, and cattle hides were estimated using commercial cattle slaughter data from 1983. Sunflowerseed production was separated into oil-bearing and non-oil-bearing types. Tobacco production by class (e.g., burley and flue-cured) paralleled the seven-digit export classification codes.

NEW JERSEY AND UNITED STATES: NUMBER OF FARMS, LAND-IN-FARMS AND AVERAGE SIZE OF FARMS, 1910-1985 1/

Year	Number of Farms		Land-in-Farms		Average Size of Farm	
	New Jersey	United States	New Jersey	United States	New Jersey	United States
	-- number --		-- 1,000 acres --		-- acres --	
1910	34,400	6,406,200	---	---	---	---
1915	32,200	6,457,700	---	---	---	---
1920	30,600	6,517,500	---	---	---	---
1925	29,700	6,470,600	---	---	---	---
1930	27,300	6,545,600	---	---	---	---
1935	29,400	6,813,700	---	---	---	---
1940	27,200	6,349,800	---	---	---	---
1945	27,100	5,966,750	---	---	---	---
1950	26,900	5,647,800	1,770	1,202,019	66	213
1951	26,000	5,427,600	1,740	1,203,500	67	222
1952	25,000	5,197,500	1,720	1,204,930	69	232
1953	24,000	4,983,600	1,710	1,205,740	71	242
1954	23,000	4,798,200	1,700	1,206,355	74	251
1955	21,600	4,653,800	1,650	1,201,900	76	258
1956	20,200	4,514,100	1,600	1,197,070	79	265
1957	19,000	4,371,700	1,560	1,191,340	82	273
1958	18,000	4,232,900	1,530	1,184,944	85	280
1959	17,000	4,104,520	1,500	1,182,563	88	288
1960	15,800	3,962,520	1,460	1,175,646	92	297
1961	15,200	3,825,410	1,440	1,167,699	95	305
1962	14,600	3,692,410	1,410	1,159,383	97	314
1963	13,300	3,572,200	1,370	1,151,572	103	322
1964	12,000	3,456,690	1,300	1,146,106	108	332
1965	11,000	3,356,170	1,220	1,139,597	111	340
1966	10,000	3,257,040	1,160	1,131,844	116	348
1967	9,500	3,161,730	1,120	1,123,456	118	355
1968	9,100	3,070,860	1,080	1,115,231	119	363
1969	8,900	3,000,180	1,080	1,107,811	121	369
1970	8,600	2,949,100	1,060	1,102,371	123	374
1971	8,500	2,902,310	1,050	1,096,863	124	378
1972	8,500	2,859,880	1,045	1,092,065	123	382
1973	8,500	2,823,260	1,035	1,087,923	122	385
1974	8,400	2,795,460	1,030	1,084,433	123	388
1975	8,600	2,521,420	1,035	1,059,420	120	420
1976	8,900	2,497,270	1,020	1,054,075	115	422
1977	8,600	2,455,830	1,000	1,047,785	116	427
1978	9,000	2,436,250	1,040	1,044,790	116	429
1979	9,600	2,432,300	1,030	1,042,015	107	428
1980	9,400	2,432,510	1,020	1,038,885	109	427
1981	9,500	2,433,920	1,030	1,034,190	108	425
1982	9,500	2,400,550	1,020	1,027,795	107	428
1983	9,500	2,370,200	1,000	1,024,195	105	432
1984	9,100	2,328,400	970	1,019,378	107	438
1985 2/	8,700	2,284,630	950	1,015,583	109	446

1/ The definition of a farm has undergone several changes during this century. The definitions of a farm as used in this table follow:

1975-1985 A farm is a place that sells or could sell $1,000 of agricultural products during the year.

1954-1974 A farm is a place of 10 or more acres that had annual sales of $50 or more of agricultural products, or any place of less than 10 acres that had annual sales of $250 or more.

1951-1953 Estimates were "extrapolated" to provide a smooth transition from the earlier definitions to the 1959 definition.

1950 A farm is a place of 3 or more acres that produced farm products whose value amounted to $150 or more, exclusive of home gardens. Places of less than 3 acres which had sales of $250 or more were also considered farms.

1925-1945 A farm is a place of 3 or more acres on which there were agricultural operations and places of less than 3 acres with products for home use or for sale of $250 or more.

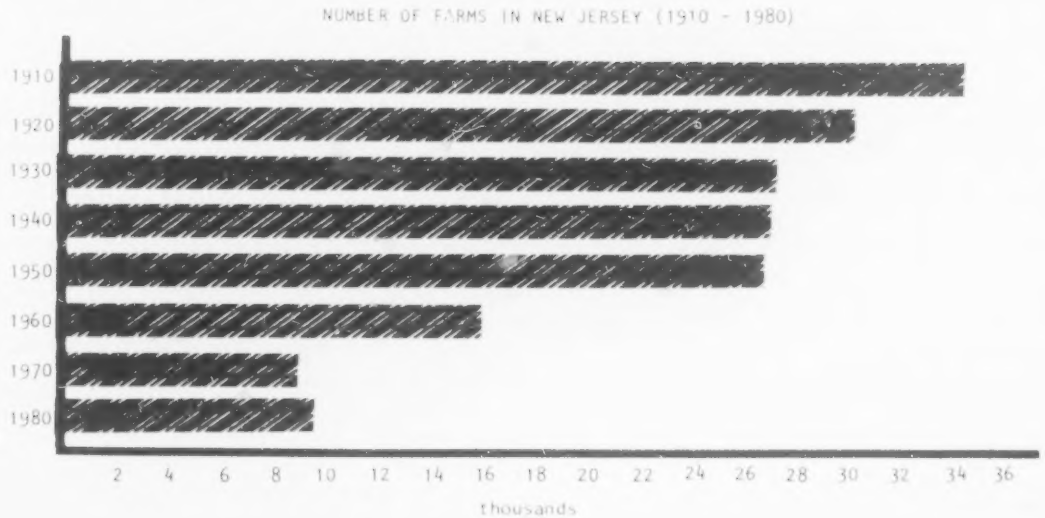
1910-1920 A farm is a place of 3 or more acres on which there were agricultural operations and places of less than 3 acres with products for home use or for sale of $250 or more. Places of less than 3 acres and less than $250 were counted as farms if they required the continuous services of at least one person.

2/ Preliminary.

NEW JERSEY: FERTILIZER CONSUMPTION BY KINDS AND PRIMARY NUTRIENTS, 1979-1984 1/

Mixtures and materials for direct application	1979	1980	1981	1982	1983	1984 2/
			-- tons --			
Mixed fertilizer	160,171	161,361	160,943	161,846	131,010	170,893
DIRECT APPLICATION MATERIALS						
Chemical Nitrogen						
Anhydrous ammonia	164	210	315	431	405	551
Ammonium nitrate	3,004	3,360	3,243	3,228	944	3,040
Ammonium sulfate	303	16	481	398	118	212
Nitrogen solutions	4,945	5,860	7,495	9,283	5,577	9,517
Sodium nitrate	754	623	643	388	88	331
Urea	5,541	4,177	5,199	4,774	2,877	3,167
Other	1,315	1,802	1,629	2,244	607	1,301
Phosphates						
Superphosphates, 22 percent or under	45	164	1,085	52	200	36
Superphosphates, over 22 percent	1,481	1,359	778	676	530	755
Phosphate rock 3/	---	10	121	3	---	---
Ammonium phosphates 4/	64	228	86	288	3	3
Other	287	284	344	412	1,003	207
Potash						
Chloride, 50-62 percent	5,278	6,776	5,081	4,957	3,049	2,051
Other	612	788	390	328	221	205
Natural organics	10,508	8,611	8,477	7,456	8,049	11,382
Secondary nutrients	1,956	3,201	1,960	2,819	2,077	3,369
TOTAL MIXED FERTILIZER AND MATERIALS	196,428	198,830	198,270	199,583	156,758	207,020
PRIMARY NUTRIENTS						
N	25,025	24,983	26,649	26,756	20,408	27,445
Available P_2O_5	18,848	18,556	17,859	18,077	15,080	18,815
K_2O	22,011	22,818	21,054	21,728	16,853	21,046
TOTAL PRIMARY	65,884	66,357	65,562	66,561	52,341	67,306

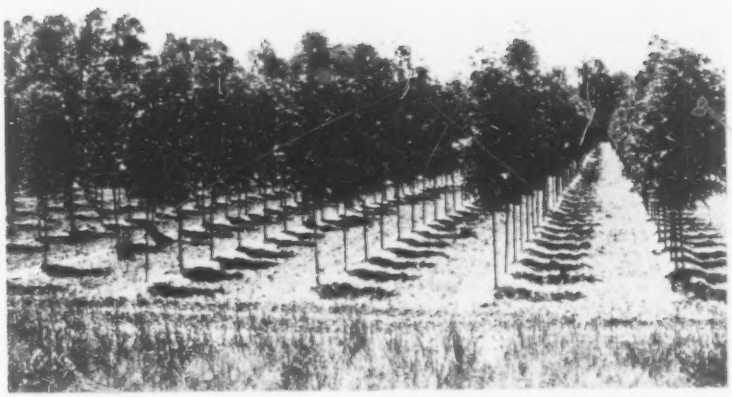
1/ Fertilizer year extends from July 1 to June 30.
2/ Preliminary.
3/ Includes colloidal phosphate.
4/ Total 11-48-0, 13-39-0, 16-20-0, 21-53-0, and 27-14-0.



NEW JERSEY: NUMBER OF CERTIFIED NURSERIES AND ACRES IN NURSERY STOCK, 1981-1984

County	Number of certified nurseries				Acreage in nursery stock			
	1981	1982	1983	1984	1981	1982	1983	1984
NORTH DISTRICT								
Bergen	103	99	90	84	251.4	273.6	249.2	268.9
Essex	18	18	14	14	27.6	27.9	34.6	30.1
Hunterdon	58	63	63	64	607.8	645.2	718.1	755.1
Morris	70	69	62	58	196.0	209.1	195.7	218.2
Passaic	26	28	26	25	66.1	89.2	66.1	85.5
Somerset	54	57	55	50	383.1	396.3	379.2	472.8
Sussex	27	25	28	28	175.1	155.5	201.0	192.5
Union	23	20	21	21	37.8	36.8	38.8	23.9
Warren	18	20	18	18	53.4	55.8	60.1	77.1
CENTRAL DISTRICT								
Burlington	62	71	69	72	468.4	546.6	689.4	694.2
Mercer	47	50	48	49	381.8	389.1	457.4	477.3
Middlesex	61	66	60	60	1,575.9	1,665.2	1,213.3	1,271.0
Monmouth	128	126	129	132	3,661.5	3,699.0	4,346.4	4,591.4
Ocean	21	25	25	26	58.0	66.2	75.2	74.4
SOUTH DISTRICT								
Atlantic	46	46	43	41	365.7	363.0	387.9	308.8
Camden	27	27	27	26	106.8	97.3	98.1	98.0
Cape May	9	10	10	10	59.1	63.8	63.2	61.9
Cumberland	82	93	92	92	901.4	1,067.6	1,107.4	1,202.9
Gloucester	84	86	80	84	1,429.5	1,448.0	1,480.0	1,478.1
Salem	32	32	32	33	526.9	526.8	536.8	528.3
STATE	996	1,031	992	987	11,333.3	11,822.0	12,397.9	12,910.4

SOURCE: Division of Plant Industry, New Jersey Department of Agriculture.

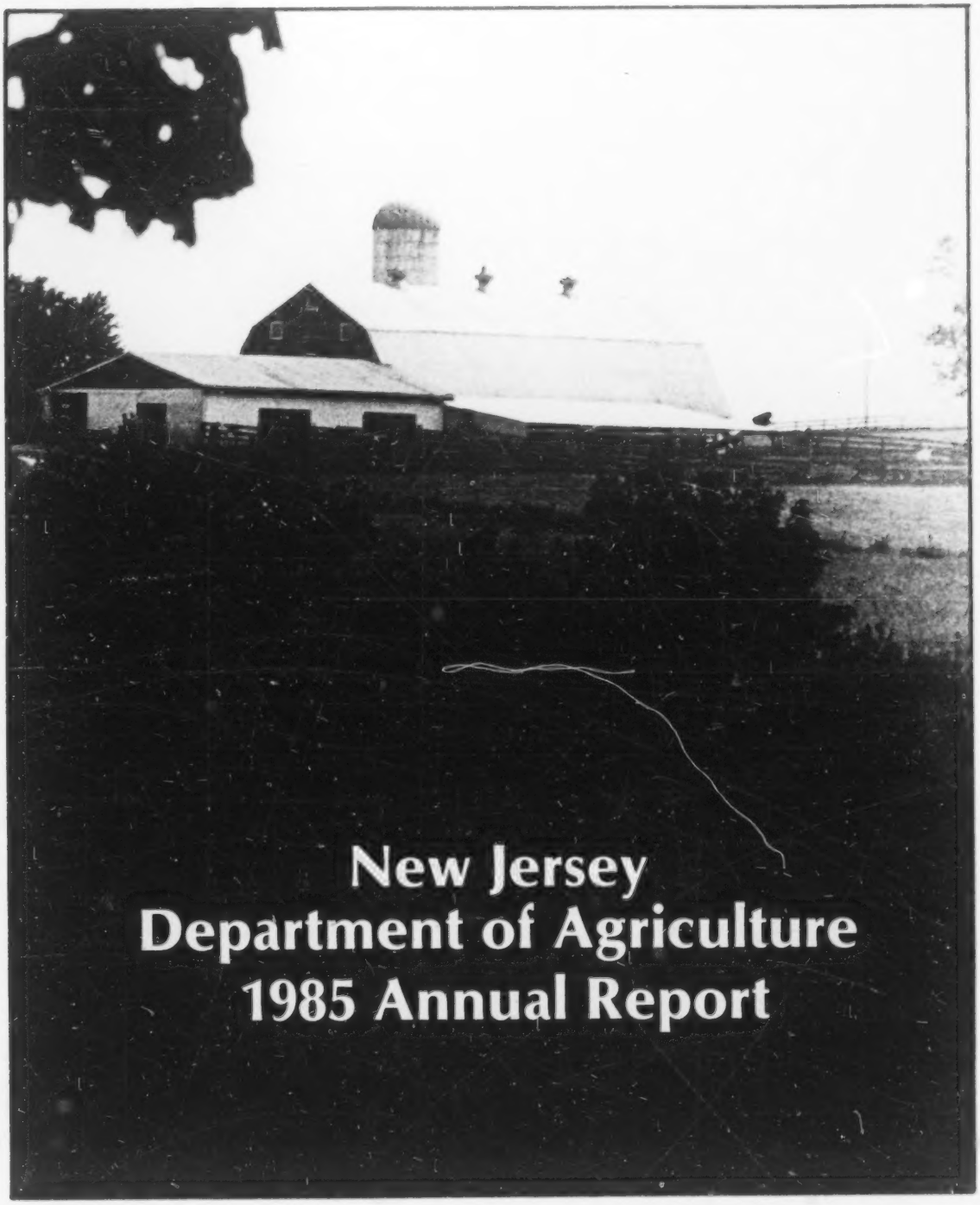


REPORTS ISSUED BY THE N.J. CROP REPORTING SERVICE

Current estimates of many data items included in this publication are available from the New Jersey Crop Reporting Service at various times throughout the year. The table below indicates the months in which data are available. Current data may be obtained by calling the Crop Reporting Service. The six separate mailing lists are: (1) Farm Facts, (2) Weekly Weather Crop, (3) New Jersey Agricultural Statistics, (4) Farm Numbers, (5) Annual Vegetable Summary, (6) Fertilizer Report. Reports are available free of charge to farmers and agri-business firms who provide the basic data on which reports are based. Within availability constraints, a copy of New Jersey Agricultural Statistics is available to New Jersey residents without charge. An order form may be obtained by calling (609) 292-6385 or by writing the Crop Reporting Service.

REPORT	ANTICIPATED RELEASE FROM TRENTON				
FIELD CROPS:					
CORN	Jan	June	Aug		
SOYBEANS	Jan	June	Aug		
WHEAT	May	June	July	Sept	
POTATOES	Jan	June	July	Aug	Dec
SWEET POTATOES	Jan	June	Aug	Sept	Oct
GRAIN STOCKS 1/	Jan	April	June	Oct	
FRUIT AND BERRIES:					
APPLES	Jan	July	Aug	Oct	
PEACHES	Jan	June	July	Aug	
BLUEBERRIES	July	Oct			
CRANBERRIES	Jan	Aug			
STRAWBERRIES	April	June	Sept		
VEGETABLES:					
SWEET CORN AND TOMATOES	July	Dec			
LETTUCE	April	July	Oct	Dec	
PROCESSING VEGETABLES	Mar	June	Aug	Sept	Dec
WEEKLY DIGEST	Weekly: April through October				
ANNUAL SUMMARY	January				
LIVESTOCK AND DAIRY:					
MILK PRODUCTION	Jan	April	July	Oct	
EGG PRODUCTION	January through December				
LIVESTOCK SLAUGHTER	January through December				
LIVESTOCK INVENTORIES	January				
COLD STORAGE	January through December				
FARM PRICES AND INCOME:					
PRICES PAID AND RECEIVED BY FARMERS	January through December				
CASH RECEIPTS AND FARM INCOME	September				
FERTILIZER	May and November				
MUSHROOMS	August				
NUMBER OF FARMS, LAND IN FARMS	August				
PLANTING INTENTIONS	February				
NJ AGRICULTURAL STATISTICS (INCLUDES COUNTY DATA)	October				

1/ Fall soybean stocks reported separately in September and excluded from the October report for other grains.



New Jersey Department of Agriculture 1985 Annual Report

Department of Agriculture

The department's mission is to work so the agriculture industry, offering economic, environmental and consumer benefits, maintains its prominent role in the state's economy. To do so, the Department of Agriculture provides programs and services which support efficient production and effective marketing of farm products, conservation of natural resources and assurances of quality agriculture products.

The department's actions are guided by the State Board of Agriculture and the Governor, through the Secretary of Agriculture. The secretary carries out their policy and planning decisions and formulates agricultural programs and projects to generate growth and vitality in the farm industry.

State Board of Agriculture

Raymond L. Blew, Jr., President
Donald F. Pyle, Vice-President

The State Board of Agriculture is New Jersey's highest official agricultural body and is responsible for establishing policies for the New Jersey Department of Agriculture. As part of that role, the eight-member board approves rules and regulations, establishes program priorities, approves budget requests, and, through the Secretary of Agriculture, supervises and controls department performance.

The policies set by this board which affect the state's agricultural community and, therefore, the members of the board must be people who are involved in producing farm crops or livestock products. In carrying out its responsibilities during the year, the board held special public meetings and participated in other farm and agriculture-related activities to become fully aware of the issues facing agriculture.

Raymond L. Blew, an Upper Deerfield Township, Cumberland County nurseryman, was elected president of the State Board of Agriculture by its members in July, 1984. At the same meeting, Donald F. Pyle, a Wall Township, Monmouth County vegetable grower was elected vice-president. Two new board members, Harold O. Farrand, a Long Valley, Morris County grain farmer, and fruit grower David M. Rizotte, Jr. of Hammonton, Atlantic County, were sworn in during the July meeting.

All board members are elected at the State Agricultural Convention, nominated by the Governor, and confirmed by the N.J. Senate.

State board members are (top row l to r) David A. Meirs, William G. Stoyko, Anthony Russo, Jr., David M. Rizzotte, Jr., Harold O. Farrand, Norman J. Schnetzer, and (front row, l to r) Raymond L. Blew, president, Arthur R. Brown, Jr., secretary of agriculture and Donald F. Pyle, vice-president.

Office of the Secretary

Arthur R. Brown, Jr., Secretary of Agriculture
Samuel Garrison, Assistant Secretary

In fiscal year 1985 the Department of Agriculture mapped a course to meet the needs of agriculture in the future.

It was a course aimed at ensuring that the "gardens" of this Garden State would continue to thrive and that the state's citizens would reap the benefits of a healthy agriculture industry.

This meant a new direction - rather than concentrating on higher production in this era of surplus crops, the department acted to create better markets for New Jersey products.

It meant preserving agriculture - acting now so that the state's agricultural heritage in this most urbanized state would be continued for future generations.

And, it meant strengthening programs - intensifying efforts to protect farmers and consumers from animal and plant pests and diseases and unfair trade practices.

Highlighting the department's greater emphasis on marketing was the "Jersey Fresh" marketing campaign. In its first full year of operation the campaign promoted the freshness and quality of New Jersey farm products.

And, the department added other marketing strategies - it initiated a quality assurance aspect to the Jersey Fresh program and launched a fish and seafood promotion program.

These and many other marketing

programs worked to increase the demand for New Jersey grown products.

Preserving the time-honored tradition of agriculture in New Jersey was another focus of the department during fiscal year 1985.

This was the first year in which New Jersey farmland was formally dedicated for agricultural use in the future and the first year that development rights were purchased under the Farmland Preservation Act, forever preserving this land for agricultural use.

Because of the tight economic situation for farmers, credit, became the focus of an Agricultural Financing Task Force established by Governor Thomas H. Kean. This task force which is headed by the Secretary of Agriculture was designed to study the financial needs of New Jersey farmers and to recommend alternative methods to meet those needs.

The department also continued to recognize the need to protect farmers from trespass and vandalism and supported a five bill package of which three have been enacted to date. And, it worked to ensure that farmers in urbanized areas were aware that recent legislation can protect them from nuisance complaints, thereby retaining their right to farm.

The opening of the department's new beneficial insect laboratory underscored yet another of the department's directions.

This new laboratory increased by 40 percent the department's efforts to develop natural predators of injurious pests that attack New Jersey's crops.

By placing emphasis on an integrated pest management program, which combines biological insect control and judicious use of chemicals, the department is protecting crops, reducing insect resistance and helping to maintain the state's ecological balance.

In still other actions, the department expanded the animal health laboratory which will help support the skyrocketing equine industry in the state as well as other livestock.

An example to the department's commitment to serving the needs of both rural and urban citizens was a food program coordinated by the department which supplied surplus foods to needy people across the state.

The department also took measures on behalf of consumers across the state to prevent unfair, illegal and improper trade practices pertaining to such areas as seeds, fertilizers, dairy products, eggs, fruits and vegetables.

These, and many other actions play an important role in maintaining the vitality of the agriculture industry.

To be able to provide these services, the Office of the Secretary oversees all department and administrative functions and handles all requests for information from the press, legislators and the public.

In November 1984, William E. Kenny, who worked for the Department of Agriculture for 32 years, retired as assistant secretary. Samuel Garrison, formerly the director of the Division of Administration, was named to replace him.

Legislative Summary

A number of bills important to the continued viability of agriculture in New Jersey were enacted during the fiscal year 1984. The following summarizes the most significant of those bills.

- The third bill of a five bill package introduced at the recommendation of an agricultural trespass and vandalism committee was enacted, Chapter 154, 1985 (A-4). This law directs the Division of Motor Vehicles to establish points to be assessed against the driving record of any person found destroying farm property with a motor vehicle.

- The New Jersey seed law was amended, Chapter 201, 1984 (A-1715) to provide further protection and quality control for the consumer. As a result of these revisions, all wholesale seedsmen or labelers of seed are now required to register annually with the department. The seeds of trees and shrubs are now also subject to department regulations. Vegetable and flower seeds previously without established standards must now be labeled with germination percentage and date of testing.

- Chapter 233, 1985 (A3024/S3082) redirects the previous tax preference for New Jersey Farm Wineries through legislative appropriation to a Wine Promotion Account within the department . A Wine Industry Advisory Council will be established to recommend and direct the expenditure of this fund for the research, development and promotion of locally produced wines.

- Through supplemental

appropriation, Chapter 144, 1984 (S-2000) an additional $535,000 was allocated to department programs. Of this amount, $300,000 was designated for the expansion of the Jersey Fresh promotion campaign and $100,000 for a new project, Fish and Seafood Development and Promotion.

Public Information

The public information office maintained an active program to provide information to the news media and other members of the public about the department and its programs.

Department programs in conservation, Jersey Fresh, farmland assessment, gypsy moth spraying, equine encephalitis and farmland preservation were highlighted. A total of 96 press releases, editorials and press advisories were issued during the year.

Agricultural Development Program

This program is designed to heighten the awareness of city and suburban citizen about New Jersey's agriculture, through a variety of tours and informational activities.

An annual legislator's tour was held in Hunterdon County, sponsored by the New Jersey Agricultural Society, Hunterdon County and the county board of agriculture.

More than 125 teachers participated in tours of Monmouth and Burlington County farms, sponsored by the New Jersey Agricultural Society as part of the agriculture in the classroom project.

Century Farm Awards were presented to four farms which have remained in the same family for at least 100 years.

Violations

The regulatory and administrative office assessed 146 violations in the 1985 fiscal year and collected $6,650 from 118 violations of the New Jersey egg, feed, lime and bee laws. This office also developed or amended 16 regulations for the department and provided legal assistance to the department and its divisions.

State Agricultural Convention

The 1985 State Agricultural Convention was held on January 22 and 23, as part of the 114th annual New Jersey Farmers Week celebration at the Cherry Hill Inn, January 19-26. The convention focused on the future in agriculture and highlighted many aspects of getting ready for that future - growing crops, marketing, transportation and computers.

In addition, the State Board of Agriculture presented citations for distinguished service to six people who have served the agriculture industry in an outstanding manner, and the board elected two members who would begin serving in July, 1985.

These were among some 20 events scheduled throughout Farmers Week, when many of New Jersey's major agricultural organizations hold official meetings and dinners.

Division of Administration

John J. Gallagher, Jr., Director

The Division of Administration provided a wide array of programs and services which are many times behind the scenes, but which make it possible for the department to provide its myriad of services to the public. Those division programs, such as personnel, budget, accounting, purchasing and management services support the overall department operations and programs.

Personnel

The personnel office coordinated all personnel actions for department employees, and ensured that civil service rules, collective bargaining unit agreements and other employment program standards were adhered to. As of June 30, 1985, the department had 252 full-time employees and 64 part-time employees on the payroll.

The final phase of the department's reorganization resulting from the Governor's Management Improvement Program was completed with all necessary classification actions implemented.

The personnel office carefully monitored the number of employees who worked for the department, ensuring that guidelines set by the state's Office of Management and Budget were met. The program goal for the number of full-time permanent employees was raised during the year from 242 to 265, based on expanded department programs.

The personnel office also developed

Department of Agriculture - Source of Funds

Source of Funds	Amount Expended
General State Funds	$ 7,230,000
Revolving State Funds (Commodity Distribution)	1,989,000
Federal Funds	1,447,000
Promotion Tax and Racing Commission Funds (Equine and Commodity Councils)	8,517,000
Miscellaneous Funds (Other Dedicated)	1,237,000
Total	$20,420,000

guidelines for the use of sick time. These guidelines are expected to significantly reduce used employee sick leave. It also coordinated a thorough needs analysis of field inspectors which resulted in cross training of field staff of two divisions, to improve efficiency.

In addition, the office coordinated the governor's "Equal Employment Opportunity and Affirmative Action - The Next Phase" program which is designed to heighten employee awareness of affirmative action.

Budget and Fiscal Services

This office is charged with coordinating the planning and development of the department's overall budget.

During the year the office provided accounting and financial control services related to the department's $20.4 million budget, ensuring that all receipts and expenditures were made within existing state accounting and budgetary policies and procedures.

Management Services and Training

This unit again provided specialized assistance to all department programs through data processing and word processing services, operating policies and procedures, budget coordination, training programs, and a variety of interdepartmental coordination services.

Microcomputer technology expanded rapidly in FY 1985, with computers being installed in most divisions of the department. In addition the New Jersey Institute of Technology (NJIT) was hired to perform a comprehensive study of the department's information processing needs, with recommendations to meet those needs.

Employee training was provided with department employees participating in the Certified Public Managers program, Civil Service training, credit and non-credit professional and technical programs, and introductory computer training.

A special affirmative action awareness training program started in FY 1985, with all state employees required to attend a full day session. The department will complete its employee training in early FY 1986.

Administrative Services

A variety of essential internal services was provided during the year. Mail and messenger services; in-house duplication and printing; office supply, receiving and delivery services; central motor pool and facility repair coordination and safety programs were but some of the services performed during the year.

Division Director

In February, 1985 John J. Gallagher, Jr. of Hamilton Township was named director of the division. He replaced Samuel Garrison who became the assistant secretary of agriculture.

Division of Animal Health

Dr. Sidney R. Nusbaum, Director

Keeping New Jersey's livestock healthy and free of disease was the major effort which guided the actions of the Division of Animal Health in fiscal year 1985.

Of special significance to livestock owners, animals and consumers throughout the state, the division mounted efforts on several fronts to maintain animal health.

It initiated a specialized disease prevention program for horses, virtually eliminated a once common cattle disease, bovine brucellosis, and initiated a program to eliminate the same disease in swine.

In addition the animal health laboratory was expanded and modernized and the division worked to expand its efforts to protect consumers and animals through an environmental toxin detection program.

The division was able to achieve these and other highlights by maintaining an extensive livestock disease control program and a diagnostic laboratory.

One of the division's major efforts during the year was the specialized equine epidemiology and disease prevention program which was made possible through a special $80,000 appropriation. While most state departments of agriculture are not faced with this concern, there was a growing demand for such a program in New Jersey because of continuing losses to the state's growing horse industry and the potential for the introduction of other costly and catastrophic foreign infections to New Jersey horses.

The program was barely in place when a viral infection known as equine viral arteritis broke out in Kentucky causing reverbations throughout the country. Of concern was the fact that several European countries imposed restrictions on the importation of U.S. horses, however, a newly-formed field and laboratory testing program minimized the economic effects to New Jersey horse owners.

Another horse disease, equine encephalitis, or "sleeping disease", struck with severity in New Jersey during the year, causing the greatest losses in more than 15 years. Even though the disease is preventable with proper vaccina-

tions, twenty-four horses died from the disease which is caused by a virus carried by mosquitoes. As a result, the division stepped up its public education efforts about prompt vaccinations and worked to assure the public that the disease cannot be transmitted from the affected horses.

Disease of cattle also was of major concern to the division during the year.

At the end of the fiscal year, the division remained optimistic that the state has largely won its more than 40-year battle to eradicate bovine brucellosis, an infection that causes abortion and infertility in cattle. This once common disease, which caused the slaughter of thousands of cattle, was found in only one herd during the year. Even though the herd was destroyed, the cattle owner was paid for the loss of cattle by state and federal funds. Ongoing surveillance and testing of cattle within a five mile radius of the herd has been conducted since that time.

Since infection levels of this disease continue to be high in other states, the division will continue to work to prevent cattle from other states bringing the disease back to New Jersey. In the event that cases do get imported, the division will also work for prompt identification to minimize the import to livestock owners.

A similar disease affects swine, swine brucellosis, and a program to eliminate the disease was initiated. New Jersey joins the majority of other states who have such a program, and thus far, has tested about 70 percent of the swine in the state. The infection appears to be limited to a small number of farms and the division is hopeful it can be eliminated within the next year.

In continuing other programs to protect swine, the division upgraded its enforcement of the U.S. Swine Health Protection Act. As a result, the New Jersey swine industry is now largely in compliance which means that the possibility of foreign infections being introduced is greatly lessened.

Of integral importance to all of these efforts, the division's animal health laboratory was revitalized during the year with the infusion of additional staff and funding greatly increased the range and quality of services the laboratory offered in its continuing effort to evaluate disease conditions and plan programs of prevention.

In a cooperative effort with the department's Division of Regulatory Services, the animal health unit worked to protect consumers and animals by expanding its examination of animal tissues for evidence of environmental toxins.

While the division will continue its efforts in this area, it recognizes that this is going to be an increasing public health concern in the future.

Division of Dairy Industry

Woodson W. Moffett, Jr., Director

The Division of Dairy Industry's main efforts are geared toward maintaining an adequate supply of milk for New Jersey consumers at appropriate prices and to ensure farmers will be paid for milk delivered to plants.

In carrying out these efforts, the division administers and enforces four New Jersey statutes - the Milk Control Act, the Milk Dealer Bonding Act, the Butterfat Testing Law and the School Milk Purchase Act.

Taking a look at New Jersey's dairy industry during the year, production was 4.9 percent below the previous year, compared to a national decrease during the same time of only 1.5 percent. During 1984-85, New Jersey's 517 dairy farmers produced approximately 448 million pounds of milk having a market value of $62 million -- down 5.4 percent from the previous year.

New Jersey's dairy farmers continue to produce about 25 percent of the fluid milk consumed by New Jersey consumers and preliminary sales data indicate that fluid milk sold in New Jeresy totalled 1,824 million pounds, down 1 percent from a year earlier.

Consumer Milk Prices

Throughout fiscal year 1985, New Jersey's consumers enjoyed some of the lowest milk prices in the nation, thanks to an aggressive enforcement of regulations prohibiting sales below cost.

New Jersey consumers spent $22 million less for their whole milk purchases than was paid by consumers in New York and Pennsylvania, and $33 million less than the average amount paid by consumers throughout the United States.

In other actions, regulations of the division prohibiting the sale of milk below cost were upheld by an Administrative Law Judge in a matter involving a small store operator in Hunterdon County, but the case has now been appealed to the Appellate Division of the Superior Court. Also, during the year, the constitutionality of the regulations prohibiting the sale of milk below cost was challenged by a major milk dealer and store operator. This matter is also before the Appellate Division.

Producer Milk Price Orders

A primary function of New Jersey's milk control program is the department's joint federal/state regulations which control minimum prices paid to dairy farmers.

No major changes were made during the year, nor was a final decision made on the 1983 hearing to consider the addition of certain Northeastern Pennsylvania counties to the New Jersey milk control program regions.

More than 8,900 butterfat tests were conducted to ensure accurate payment to farmers, and the division continued to bond all milk dealers buying directly from New Jersey farmers.

Licensing and Enforcement

The division processed 10,403 license applications for milk dealers and stores selling milk in the state and held 54 hearings on alleged violations. The licensing and enforcement activities generated $386,793.

During the year the department initiated a program for cross-utilization of personnel in the Divisions of Dairy Industry and Regulatory Services. This program is proving very beneficial in providing additional contacts with division licenses and an increased level of enforcement.

Market Research and Economic Analysis

Division personnel continued to collect, analyze and publish comprehensive information on the New Jersey dairy industry (Milk Market Bulletin, Annual November Sales Analysis, Monthly Statistical Tables). The information was disseminated to dairy farmers, public libraries, dairy industry researchers, government officials and other persons who need industry information.

Division of Markets

John J. Repko, Director

Critical to the success of any agriculture operation is having good markets for the products.

Recognizing the importance of creating a greater demand for the abundance of New Jersey products, the department moved into a full-swing marketing campaign during the year.

This effort was highlighted by one of the department's major efforts, the Jersey Fresh farm product promotional campaign.

This Jersey Fresh program, together with a variety of other efforts, were used to assist New Jersey farmers market their farm products effectively. In addition, the division promoted the state's equine industry and coordinated the distribution of federal surplus and school lunch food commodities.

Market Development

This was the first full year of the "Jersey Fresh" advertising and promotional campaign designed to increase consumer awareness of New Jersey agriculture and to encourage food retailers to display "Jersey Fresh" products.

A breakfast hosted by Governor Kean at Drumthwacket with chief corporate officers of the major food chain stores kicked off the "Jersey Fresh" season. At this affair, food chain executives pledged support for the Jersey Fresh campaign.

The New Jersey advertising campaign concentrated on four types of media - radio and television advertisements, billboards and materials such as price cards, pennants, buttons and stickers for retail outlets.

Approximately 140 billboards throughout New Jersey featured the major agricultural products during the marketing season. "Jersey Fresh" ads and features also appeared in the major newspapers and wholesale trade publications. Over 450 sixty second radio commer-

cials were heard in the New Jersey, New York and Philadelphia market areas. Most major chain stores participated by using snipes for billboards and ordering taglines for the radio advertisements.

Chainstores which sponsored special "Jersey Fresh" promotions included Acme, Kings, Foodtown and Shop Rite. Many consumers were reached at the more than 300 individual food chain stores where the promotions took place. Additionally, Jersey Fresh began to be used by the several hundred roadside operators as well as the 10 tailgate urban markets where many intercity consumers shop.

Another facet of the Jersey Fresh campaign was the matched funds program. This program allowed agricultural organizations to apply for state matching funds for the purpose of promoting their specific New Jersey farm commodity. In 1984, 21 organizations participated and a total of $50,000 was approved to match a similar amount spent on promotions by these farm groups. These monies were used for such activities as commodity festivals, product brochures and consumer advertising.

In addition to the "Jersey Fresh" campaign, the market development section was involved in other promotional activities. Among them were the 1984 Food Communicator Tour which featured peaches, the Trenton Farmer's Market three day promotion and a Philadelphia Zoo New Jersey Farm Festival.

A gallup poll at the end of 1984 measured some of the achievements of the "Jersey Fresh" campaign's goal of increasing consumer awareness. Results indicated that freshness was considered one of the most important factors in the product buying decisions and 60% of the respondents strongly agreed that New Jersey farm products are fresher than those from out-of-state. Many believed that "Jersey Fresh" produce is superior to out-of-state produce. Additionally, two out of three would be more inclined to purchase New Jersey farm products if they were so identified. Approximately 13% of the shoppers claimed to have seen or heard promotional activities for New Jersey produce, a 5% increase over the previous year. Thus, it is evident that the "Jersey Fresh" campaign is succeeding in making consumers aware of the Garden State's bountiful harvest.

Market Facilities

During the year, the division continued to work with various food processors who currently have outstanding regulatory issues with other government agencies. Additionally, the major food processors in New Jersey were assured that the department would provide assistance to them in their future plans.

Liaison continued with both the Hackensack Meadowlands Food Distribution Center Commission and interested parties in southern New Jersey relative to proposals to establish wholesale food distribution facilities in each of these areas of the state.

The "Made in New Jersey" processed

foods exhibit was displayed in Atlantic City for the New Jersey Business and Industry Association Convention and a smaller exhibit sent to Kansas City for a Food Export Expo.

Market News and Cooperative Services

The division also operates a Market News Reporting section which concentrated on gathering price and volume information about the various New Jersey crops. The shipping point prices and daily truck shipments were reported via radio, telephone and mailings.

This news is vital to farmers across the state so that they can have up-to-date price and market information for their crops. This resource helps to ensure the orderly marketing of New Jersey's agricultural products.

Fairs and Shows

State funds were once again provided for New Jersey fairs and livestock shows. These funds are used to promote the agriculture industry at the fairs and shows which combine agriculture, business and individual efforts at the county level.

The fairs were eligible to receive a $500 grant with additional funds paid at the end of the fair season based on space allocated to agricultural events.

Sire Stakes

The New Jersey Sire Stakes Program for standardbred horses was designed to improve both the quality and the quantity of New Jersey standardbreds and it has done just that. The program that began in 1971 with $400,000 in purses and 12 stallions which were bred to 100 mares, has become a multi-million dollar success story, with 100 of the nation's finest stallions located in the state. Among them are the last five North American champion "Horses of the Year" including "Cam Fella". In 1985 these 100 stallions were bred to 3,400 mares. Another sign of success is the fact that the world's most famous and prestigious harness race, the legendary Hambletonian, now takes place in New Jersey.

During the year, the New Jersey Sire Stakes program was completed without the elimination of a single race despite the fact that the Freehold Raceway grandstand fire resulted in extensive rescheduling. The season was judged one of the best in terms of purses paid and records broken. In addition to pari-mutuel races, 10 top standardbred farms located throughout the state hosted Sire Stakes fair racing, which attracted capacity crowds and introduced thousands of New Jersey's citizens to standardbred racing.

Purses for both pari-mutuel and fair racing totaled $6 million.

Horse Breeding and Development Programs

From its inception, New Jersey's horse breeding and development program has been designed to encourage the increased breeding of quality horses in New Jersey. This is being accomplished through the financial incentives provided by breeder awards, which paid $1.5 million to owners of thoroughbreds and standardbred horses and $72,000 to owners of pleasure horses. In addition, a series of special events and projects were held to educate horse owners, and the general public.

Construction began on the primary project in the year, the Horse Park of New Jersey at Stone Tavern. This 140-acre facility in Upper Freehold Township is expected to host one-day horse shows in early 1986.

During June which was designated as the month of the horse, the general public learned more about horses through a series of horse farm open houses and exhibits in shopping malls throughout the state which enabled many people to see a horse close-up for the first time.

Food Distribution Programs

The federal food distribution program encourages the consumption of overabundant domestic farm products while providing nutritious foods to participating individuals. The department is the central receiving and distribution hub for all federal food commodities allocated to New Jersey.

From July 1, 1984 through June 30, 1985, the food distribution office allocated more than $23.1 million in USDA food commodities to schools, institutional feedings, and summer food service programs. The school lunch program currently feeds on the average 513,520 students daily. The institutional program feeds 37,954 people daily while the summer feeding programs feed more than 23,876 daily.

Along with the above programs, the office also distributed more than 4.9 million pounds of food valued at $6.3 million through its needy feeding program during three statewide distributions. Each distribution served an average of 520,000 families. Foods distributed included processed American cheese, instant milk, honey, cheddar cheese, cornmeal, flour and butter.

The total of all foods distributed through the food distribution program exceeded 42 million pounds valued at more than $29.3 million for fiscal year 1985.

Finally, the office participated on the Governor's Commission on Hunger in New Jersey. This study group is in the process of identifying various possible areas of concern related to food and nutrition deficiences in certain segments of the state's population.

Division of Plant Industry

William W. Metterhouse, Director

New Jersey has emerged as one of the nation's leading states in helping to protect farmers, consumers and the environment through the Division of Plant Industry's aggressive program to limit plant pests.

Of major significance to this effort, the division opened one of the nation's most advanced beneficial insect rearing laboratories during fiscal year 1985, giving a much greater focus to using insects that are pest's natural enemies.

This new laboratory is just one of the division's many efforts which also include monitoring plants for insect and disease pests and supervising the cooperative gypsy moth aerial treatment program. In addition, it inspects nurseries to ensure plants sold to consumers are healthy and it inspects bee colonies to ensure that quality apiaries are available to pollinate many of the state's fruit and vegetable crops.

The division also maintains a vigilant seed surveillance program which protects the state's consumers by ensuring that seeds sold throughout the state meet specified standards.

All of these programs combined make up the Division of Plant Industry which works to protect the interests of consumers and farmers and to help ensure a wholesome, plentiful farm crop each year.

Biological Control Programs

The opening of the new beneficial insect rearing laboratory this year underscored the department's commitment to this effort.

The new, 21,000 square foot laboratory is designed to promote biological insect control. This is one of the state's major efforts to devise methods of controlling pests which have developed a resistance to chemical pesticides and reduce the use of chemical pesticides on food grown in the state.

The division's integrated pest management program combines biological and chemical pest controls to help farmers develop the best possible methods for raising crops with the least amount of interference from destructive pests.

With the new facility, the space devoted to biological insect control has more than doubled and the insect rearing capacity has been boosted by 40 percent.

The beneficial insects reared in the laboratory are a pest's natural enemies, but are verified by the U.S.D.A. as harmless to vegetation, humans and animals.

This vital program saves farmers about $5.4 million in pesticide costs each year and reduces the use of pesticides on some crops by up to 96 percent.

The division concentrated its biological control and integrated pest management efforts during the year against eight pests affecting New Jersey forests and agriculture - the Colorado potato beetle, Mexican bean beetle, European red mite, gypsy moth, alfalfa weevil, cereal leaf beetle, European corn borer and the musk thistle.

Signficant results were achieved in at least three projects during the 1984 season.

The Golorado potato beetle was successfully controlled on a one-acre eggplant field by an imported parasite reared by the laboratory. In the release area, over 90 percent of the Colorado beetle's egg masses were destroyed by the parasite.

The Mexican bean beetle was also found to be susceptible to a laboratory-reared imported parasite after 1.6 million parasites of the beetle were released in 110 nurse plots and 30 other sites in eight central and southern counties. This parasite helped to prevent the pest from becoming a problem for New Jersey soybean growers in 1984.

In addition, a native beetle predator of the European red mite was successfully reared and released in an effort to test early season field releases. Observations indicate that this early season release technology has potential as a biological control tool in orchard pest management and the laboratory will be continuing its efforts in this area.

Gypsy Moth Spraying

Gypsy moth caterpillars have become an increasing public nuisance causing damage to thousands of acres of trees in the state. While the division seeks out natural predators to gypsy moth caterpillars which cause significant tree loss in the state, it also recognizes that when gypsy moth cycles are at a peak, selective aerial spray treatments may be required.

A major change this year which further exemplifies the shift away from chemical pesticides was that, for the first time, the department only offered a non-chemical insecticide to communities participating

in the gypsy moth spraying program. The non-chemical insecticide, Bacillus thuringiensis, or B.t., replaces chemical pesticides which were previously available under the program.

The division coordinates this voluntary, cooperative program involving state, local and county governments, and the U.S. Forest Service. Under the program, the division conducts surveys of infested areas and notifies local municipalities of recommended acreage for treatment.

The municipalities which choose to participate administer the legal aspects, resident notification, financing and aerial treatment contracts. The U.S. Forest Service provides about half the funding for the program, with the remainder paid by the local municipalities.

Defoliation in New Jersey due to gypsy moth caterpillars decreased substantially in 1984 with 165,000 acres defoliated compared to 379,535 acres defoliated in 1983. Defoliation in New Jersey in the 1984 season was the lowest since 1977.

This represented the third consecutive year of declining gypsy moth populations in the state, however, preliminary projections from the spring spraying in 1985 indicate that defoliation levels will increase, as the pest population begins its upward curve in the population cycle.

Red Pine Scale Survey

The division annually surveys for an imported pest of red pine, red pine scale, in a preventive measure to protect the thousands of acres of valuable red pine in the state.

This pest is so serious that any trees found infested must be destroyed. The surveys the division routinely makes are to ensure that any infestation of red pine scale is detected immediately to prevent spread to other areas of the state. The survey conducted this year found no trees infested with the scale.

Nursery Inspection

Under the nursery inspection program, nursery plants grown in the state and plants shipped into the state for sale by nurserymen and dealers are inspected and certified. In addition, the division inspected plants that are to be shipped to other countries to certify that they are free of pests.

Certification is granted only when the department is satisfied that the nursery stock is free of insects and diseases, which is an assurance to consumers across the state and country who buy certified nursery stock.

Certificates were issued to 987 nurseries in the state and 424 dealers in nursery stock. Control measures were mandated on any stock found to be infested, before a certification was issued. Some 354 special certificates were issued to nurserymen and residents of the state to ship material out of state.

In addition, the unit provides information about the control of insects and diseases to New Jersey residents, and during the year, made 139 special inspections for such purposes.

In other special request actions, the division certified 43,054 cartons of blueberries to be shipped to California as being free from injurious insects and disease. The certification was necessary to meet California pest quarantine regulations.

Bee Inspection

Of significance during the year was the prompt action taken by the division to protect the bee industry in New Jersey. In April, 1985 bee hives that were brought into the state by two migratory beekeepers were found to have tracheal mites, a pest that is devastating to bees. These out-of-state bee hives infested with mites were ordered to be destroyed. Two townships were quarantined where the mites were found. As a result of these actions, no mites were found in native bee colonies within the quarantined area.

On an on-going basis, the division surveys bee colonies in the state, taking samples from all major apiaries and numerous small beekeepers. During the year, 1,633 hives were sampled by the division, and all were negative for tracheal mites.

The division also inspects bees being brought into the state to assure that the quality of New Jersey bees are not threatened by diseases brought by other bees.

Seed Certification and Control

The division serves both farmers and gardeners of the state by routinely inspecting and certifying the quality of seed sold throughout the state.

Through the inspections, seeds that do not meet truth in labeling and other specified standards are ordered to be removed from sale. During the year a high level of seed was found to be in compliance.

In addition, an action that greatly enhanced the unit's operation was an amendment of the New Jersey seed law which permits greater interstate uniformity in seed labeling.

Division of Regulatory Services

Robert C. Fringer, Director

The Division of Regulatory Services provides invaluable services to the state's citizens. Anyone who shops even a little in food stores has benefited from this division's inspecting and licensing programs. But, its efforts don't stop there.

Not only does it work to assure that consumers have high quality fruits, vegetables, egg and poultry products, it also works to protect New Jersey producers of perishable agricultural commodities from unfair trade practices and to guarantee high quality, properly labeled animal feeds, fertilizers and liming materials.

Of special significance this year, the division launched a new voluntary grading program for fresh market fruits and vegetables to complement and expand even further the state's commitment to the Jersey Fresh marketing program.

Commodity Inspection and Grading

Under the New Jersey Fresh grading program, twenty-two licenses were issued to packers who will be allowed to identify their products with the Jersey Fresh quality logo labels. The commodities which will be packed using the Jersey Fresh logo label during the 1985 season are iceberg lettuce, eggplants, cucumbers, sweet peppers and peaches.

All vegetables must be produced in New Jersey and meet U.S. No. 1 grade standards while peaches must meet the U.S. Extra No. 1 grade. Eight of the 22 firms licensed plan to pack more than one product using the quality logo labels.

The division's poultry services help the poultry industry market its products in an orderly manner. The division inspected and certified 12,481 lots of eggs during the year and graded 17.6 million dozens of eggs, 33.4 million pounds of turkey and 132.3 million pounds of chickens. In addition, the division directly supervised 129.8 million pounds of egg products being processed.

Some 430 unannounced regulatory visits were made to registered New Jersey egg handlers under the Federal Egg Products Inspection Act. These visits resulted in the removal of 3,116 dozens of eggs from trade channels because of

failure to conform to required standards.

Retail packages of eggs were weighed and inspected at the store level to ensure that established standards were being met for the grade and size-weight class which appeared on the container. Penalties for non-compliance were forwarded to the General Treasury, partially offsetting program costs.

In another area, the processors, growers, shippers and receivers of fresh produce marketed through interstate and intrastate commerce rely on the division's fruit and vegetable grading and inspecting program. Shipping point inspections were made on 49.2 million pounds of produce to ensure it met specified standards. Most of these shipments contained apples, cabbage, lettuce, cucumbers and potatoes. Processing inspections for grade were performed on 162.7 million pounds of various fruits and vegetables.

The division certified seven storage rooms at five New Jersey Controlled Atmosphere Storage facilities for the FY '85 season. Fifty-five visits were made to check the storage records on 75,860 bushels of apples.

The commodity inspection and grading office also participated in a personnel cross-utilization program initiated in April 1985 using the field staffs of the Divisions of Regulatory Services and Dairy Industry. Five agricultural products agents, from this

division, made milk marketing inspections at 828 retail stores and one milk marketing inspector made shell egg inspections at 31 retail locations.

As a result of the division's commitment to produce cross-trained personnel for various types of commodity inspections, terminal market inspections of fruits and vegetables increased by 50 percent over the past two years. This activity provided an expanding service to shippers, importers and dealers of produce moving in domestic and international markets.

Agricultural Chemistry

The division's expanded activity into the analyses of samples associated with adulterated animal feed

and other toxins provided much needed analytical service to the poultry, livestock and equine industries in New Jersey. Inter-divisional coordination allowed the division to analyze samples submitted by the Division of Animal Health in instances where there were suspicions of feed contamination or accidental poisonings.

Through sampling, inspection, laboratory analysis and enforcement actions the division protected crop yields and promoted animal growth by maintaining and insuring the quality of fertilizers, commercial feeds and liming materials in New Jersey.

Chemists of the division were active in the Association of Analytical Chemists collaborative studies. Division personnel continued to survey for fungi-produced toxins in various animal feeds and feed ingredients. All concentration levels were less than FDA allowable tolerances. The division continued to cooperate with the check sample programs of the Association of American Feed Control Officials and the Association of American Plant Food Control Officials. Through these programs the laboratory can evaluate the accuracy and precision of its results.

During the year 552 firms dealing in commercial feeds, fertilizers and liming materials registered with the division. Agricultural Products Agents examined 5,098 lots of commercial feeds, fertilizers and liming materials and other agricultural commodities. Of 1,108 commercial feed samples analyzed, 9 percent were found in violation. Twenty-five percent of 915 fertilizer samples and 11 percent of 62 liming material samples collected for analysis were found in violation. The manufacturers of products found to be in violation were fined.

Three thousand dollars in penalties were assessed and collected for feed and lime violations and $34,000 in penalties were assessed and collected for fertilizer violations, with $22,000 forwarded to the state treasurer and $12,000 refunded to consumers.

A national program for monitoring feed contaminants is targeted at natural poisons and pesticide residues. A total of 260 analyses were performed in the division's agricultural chemistry laboratory for these toxic materials on various feed samples and animal tissues. Results of these tests were submitted to the Natural Feed Contaminant Data Center in Mississippi for national distribution.

Licensing and Bonding

To provide some economic protection to New Jersey farmers through the New Jersey Licensing and Bonding Law, licenses were issued to 256 produce dealers, 28 shell egg dealers, 3 live poultry dealers and 68 hay, grain and straw dealers. Other licenses totaled 523. License fees, registration and tonnage inspection fees, in addition to the feed, lime and fertilizer penalties, totaled $171,027 which were forwarded to the state treasurer.

Division of Rural Resources

Richard D. Chumney, Director

Assuring that the agriculture economy thrives and that our soil and water resources are conserved - that was the commitment of the Division of Rural Resources during fiscal year 1985 when it worked to strengthen and enhance the agricultural and rural assets of the state.

Working toward that goal meant that the division was concerned about issues vital to the future of agriculture and the well being of the state's citizens such as increasing agricultural production, maintaining farmland and the right to farm, conserving soil and water resources, boosting the fish and seafood industry and overall, promoting the economic and quality of life benefits that agriculture brings all New Jersey's citizens.

Natural Resource Conservation and Development

The conservation and wise use of our soil and water resources is integral to the future of agriculture and the well being of our urban and rural citizens in this and every other state.

The State Soil Conservation Committee in the department administered soil and water conservation programs throughout the state in cooperation with 16 local soil conservation districts and the federal Soil Conservation Service.

The state's recently established farmland preservation program gave new impetus to soil conservation efforts by including a cost share program for landowners to implement soil conservation practices. During the year, the guidelines and rules for approved soil and water management practices were finalized and the program has been set in motion.

This program, along with additional efforts to target technical assistance and federal cost sharing to highest priority problem areas, is expected to substantially reduce the severity of the soil loss problem.

In addition, land undergoing development required mandatory soil erosion and sediment controls. As a result, conservation districts approved plans for 3,600 projects,

covering 26,000 acres. Of those, the districts certified that 2,400 projects completed during the year were in compliance.

Conservation plans were developed for more than 39,800 acres of farmland. Conservation practices such as strip cropping, terraces, diversions and waterways were carried out on nearly 51,000 acres, preventing the loss of 175,000 tons of soil. In addition, conservation tillage was used on 136,000 acres of farmland which helped to reduce average soil losses to less than six tons per acre, per year.

Crop Reporting Service

The New Jersey Crop Reporting Service provides farmers and consumers throughout New Jersey and the nation with statistics on crop and livestock production in the state. This unit is jointly funded by the state and federal Departments of Agriculture. It provides New Jersey statistics which are combined with those from other states to generate national agricultural production estimates.

These estimates are a vital component of the farm income estimates, which in turn, are included in national product and income accounts. Statistics relating to production, price, value, movement, stocks, marketings, quantities processed and other uses of crops, as well as inventories of livestock and their products, are compiled and published on a regular basis.

During the year, the New Jersey Crop Reporting Service conducted 189 statistical surveys. Those surveys were the basis for official estimates of crops, livestock, poultry, dairy, prices, labor and related agricultural reports.

During the year, the service responded to 1,947 requests for its data from farm, community, educational, lending and other organizations and groups.

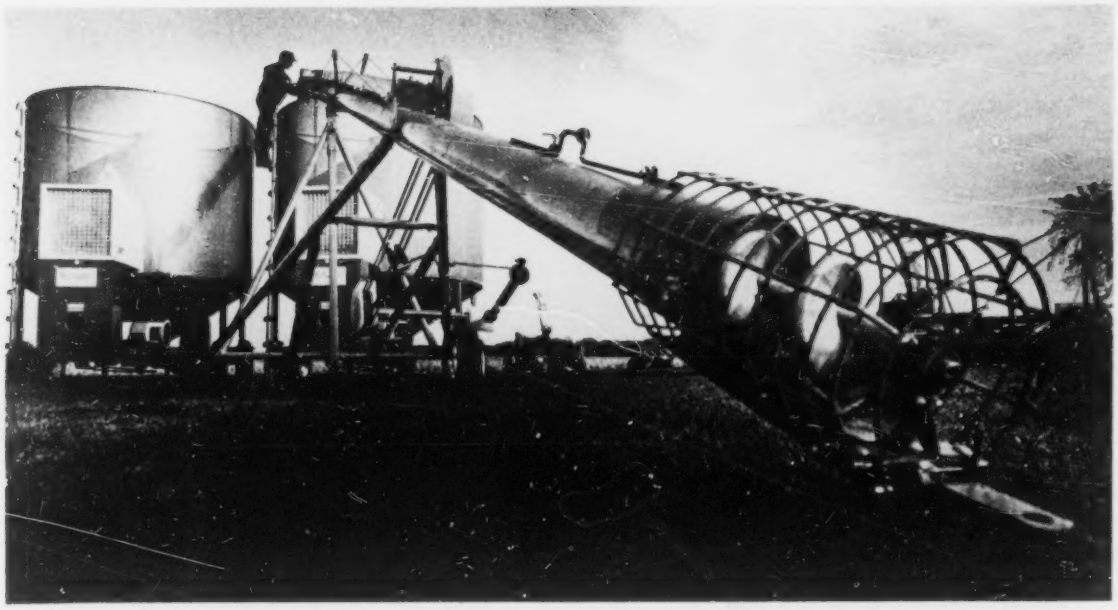
Rural Development Services

By encouraging growth in agriculture-related industry this unit is helping to create new permanent jobs and new agribusiness capital investments in the state's rural areas. Key to that growth has been working with federal, state, local, public and private agencies.

In an ombudsman's role, the unit helps provide answers to problems for those involved in agriculture and helps to develop the livestock and poultry industry in the state.

Through the joint efforts of the Departments of Agriculture and Commerce a $15 million egg production complex, was established in Warren County. This was the result of agricul tural economic development activities over the past three years. This new agribusiness, which began operation this year, is the first significant step toward the rebirth of the poultry industry in New Jersey.

In addition, strong efforts were made to expand federal crop insurance for New Jersey crops. As a result, peaches, nectarines,



apples, potatoes, sweet corn for processing and tomatoes for processing have tentatively been given approval for coverage during the 1986 crop year. Further expansion of crop insurance is being pursued.

Also of significance, the division initiated a major study to determine if electric power rates have been inequitable to farmers. Data is being gathered, through the distribution of electric demand meters, which will help provide equitable tariffs for farmers in the future.

Fish and Seafood Industry Development

New Jersey is home for a sizable commercial fishing fleet, thousands of fishermen as well as fisheries and processing plants. The state's seafood industry is growing and ever-responsive to hundreds of thousands of hungry consumers.

To promote this viable seafood industry, a New Jersey Seafood Marketing Program was initiated which promoted seafood through trade shows, seminars, television programs, brochures, posters and demonstrations.

Another effort to improve the variety of fish available in New Jersey was a cooperative, experimental effort between the department, the Port Authority of New York and New Jersey, private cooperators and the City of Elizabeth. This Urban Aquaculture Project is planned to produce Nile Perch in recirculating freshwater culture systems in an abandoned factory building in Elizabeth.

Rural Resource Services

The rural resource unit provides support for the agricultural and development program, working with county agricultural development boards.

It also works with the Rural Advisory Council which during the year highlighted agricultural credit as a major concern and, on other efforts, sponsored studies to

help strengthen agriculture policies in the coming years.

Because of growing concern for the financial conditions of farmers in the state, Governor Thomas H. Kean created an Agricultural Financing Task Force in March. This task force was designated to study the existing credit situation and develop alternative methods for financing agricultural activities. Secretary of Agriculture Arthur R. Brown, Jr. was elected chairman and Senator C. William Haines was elected vice-chairman. A report is expected in late 1985.

Studies sponsored by the Rural Advisory Council are being researched at Cook College and include the impact of the Mt. Laurel II housing decision on agriculture; the impact of the farm structure building code on large farm structures, and modifications to that code; the impact government regulations have on agriculture; trends during the past ten years on farmland assessment; the financial impact that the Pinelands Comprehensive Management Plan is having on agriculture in that area; and the trends in agricultural land sales.

State Agricultural Development Committee

Although independent of the department, the State Agriculture Development Committee functions with assistance from the Division of Rural Resources. This committee, formed in 1983, is at the forefront of many of the efforts that are critical to the future of agriculture in New Jersey.

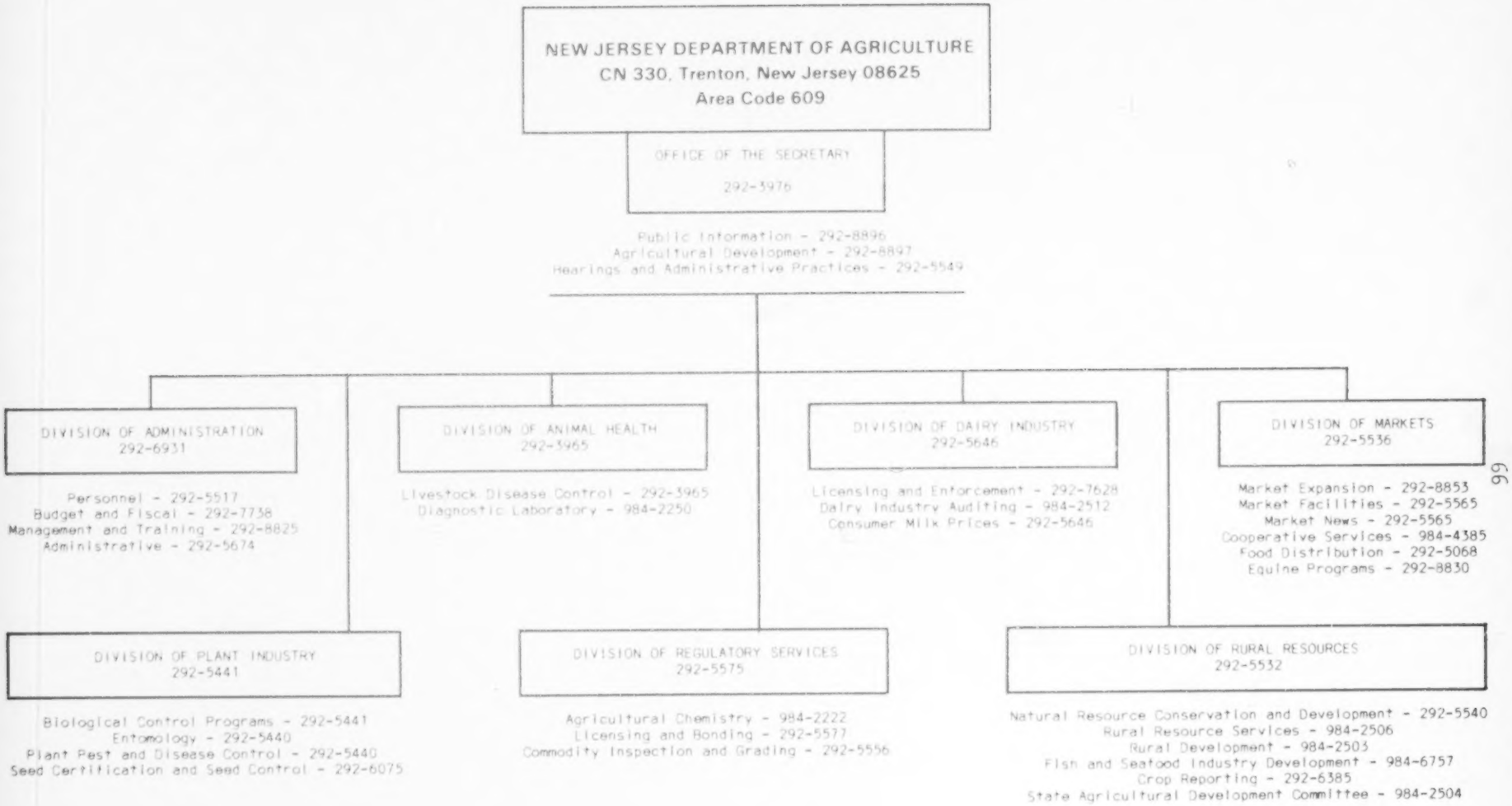
The committee oversees the state's farmland preservation program. While the county and local governments manage the program, the committee arbitrates right to farm disputes, approves agricultural retention areas designated by counties, assists in the county agriculture development boards, and distributes funds from the 1981 farmland preservation bond issue for easement purchases and soil and water conservation projects.

Of significance during the year was the fact that not only did the first farms in the state enter the farmland preservation program, but also the first purchase was made from the farmland preservation bond fund.

Nine farms in Burlington and Morris counties, totalling 1,589 acres, became the first to formally dedicate their land for agricultural use.

In addition, the first purchase from the farmland preservation bond fund took place when the non-agricultural development rights of five of those Burlington County farms were purchased with $412,650, a 50 percent grant from the farmland preservation bond fund.

Thirteen counties have formed county agriculture development boards to develop and direct programs locally and are now receiving many applications from landowners interested in program participation.


NEW JERSEY DEPARTMENT OF AGRICULTURE
CN 330, Trenton, New Jersey 08625
Area Code 609
OFFICE OF THE SECRETARY
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Rural Development - 984-2503
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Crop Reporting - 292-6385
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